

The Zoomlion logo consists of the word "ZOOMLION" in a bold, black, sans-serif font. It is positioned on a green rectangular background that has a diagonal cut on its right side, creating a trapezoidal shape.

ZOOMLION

ZOOMLION ZTC1300V TRUCK CRANE

TECHNICAL SPECIFICATIONS

ZTC1300V653-1/27Y

Zoomlion Heavy Industry Science & Technology Co.,Ltd.

ZOOMLION ZTC1000V TRUCK CRANE

TECHNICAL SPECIFICATIONS

ZTC1300V653-1/27Y

1 Product characteristics

ZOOMLION ZTC1300V truck crane, which makes good use of our several decades' experience in designing and manufacturing mobile cranes combined with advanced technologies, is a new high-performance product designed and developed to meet the market demands. This high-tech product, combining mechanical, electrical and hydraulic systems as a whole, has so many advantages, such as good control performance, excellent micro-positioning performance, great lifting capacity and super lifting height, that it is active in various fields. This product can be widely used in chemical industry, mining establishments, oil fields, harbors and building sites, etc., except strong electromagnetic wave areas, to do lifting and erection work.

This product is a truck crane of full range slewing function, telescopic boom sections and electro-hydraulic proportional controlled systems. The 4-axle (8×4 drive) full-width special purpose chassis is manufactured by Zoomlion, providing wide vision, spacious cab and luxurious equipment. The hydraulic power steer is convenient and flexible.

The latest electro-hydraulic proportional directional control valve with load sensing function, multiple plunger variable pumps and open / closed variable system ensure that each executive mechanism makes full use of its work capability.

Two joysticks can provide the crane with smooth simultaneous movements among "Spool up / reel off main winch / auxiliary winch", "Derrick", "Slew" and "Telescope", which greatly improves the work efficiency. The joysticks are of such advantages as easy-controlled, flexible, reliable and stepless speed regulated etc.

The safety devices, such as relief valve, balancing valve, hydraulic lock and brake valve, etc. in the hydraulic system, are against rupture of pipes and hoses.

The complete lighting systems and the safety devices, such as load moment limiter, can ensure your safety during operation and are convenient for night work.

This crane has a novel style which makes it beautiful in figure, in form and in color.

2 Specifications, complete vehicle

2.1 Product model

Model in auto industry:	ZTC1300V
Model in engineering industry:	ZTC1300V
Code:	ZTC1300V653-1

2.2 Technical data

Item		Value	Remarks
Work performance	Max. rated lifting capacity kg	130000	
	Max. load moment of basic boom kN.m	4410	Radius: 6 m
	Max. load moment of main boom (fully extended) kN.m	2328	
	Max. lifting height of basic boom m	14	
	Max. lifting height of main boom m	64.5	These parameters do not include deflection of boom and jib. (The value in brackets is max. lifting height of jib with extension.)
	Max. lifting height of jib m	82.2 / (89.2)	
Work speeds	Max. hoist rope speed (Main winch) m/min	115	At the 5 th layer
	Max. hoist rope speed (Auxiliary winch) m/min	90	At the 3 rd layer
	Boom derricking up time s	70	
	Boom extending time s	570	
	Max. slewing speed r/min	0 - 1.5	
Driving	Max. driving speed km/h	85	
	Max. gradeability %	45	
	Min. turning diameter m	24	
	Min. ground clearance mm	330	
	Oil consumption per hundred kilometer L	46	
Mass	Deadweight in driving condition kg	50000	Remove the jib, the hook, the rooster sheave,
	Complete vehicle kerb mass kg	49805	
	Front axle load kg	24000	

Item		Value	Remarks
	Rear axle load kg	26000	the main winch (including main hoist rope), the auxiliary winch (including auxiliary hoist rope), the movable counterweight, the tip boom and the outrigger pads before driving.
Dimensions	Overall dimensions (L×W×H) mm	14990×2900×3990	Driving condition
	Outrigger spread (L) m	6.53	
	Outrigger spread (W) m	Completely extended: 7.8 m; intermediate extended: 5.6 m	
	Main boom length m	13.6 - 64	
	Boom angle °	-0.5 - 82	
	Jib length m	10.4, 17.5	
	Jib length with extension m	24.5	Optional
	Offset °	0, 15, 30	
Power	Engine model	WP12.375E50	
	Engine rated power kW/ r/min	276/1900	
	Engine rated torque N.m/ r/min	1800/(1000 - 1400)	

2.3 Lifting capacity tables

Table 1 Main boom

Unit: t

Outriggers completely extended 7.8 m, with 45 t counterweight, over sides and rear																
Working radius (m)		Boom length (m)											Working radius (m)			
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32	
3.0		130*	95	50										3.0		
3.5		95	90	50	85	26	70	70	28	65				3.5		
4.0		92	87	49	82	24	70	70	26	65				4.0		
4.5		90	83	46	77	23	70	70	25	65	65	24.5	50	4.5		
5.0		86	78	44	72	21.5	70	70	23.5	65	65	23	50	5.0		
5.5		80	74	42	67	20.5	68	65	22.5	63	63	22	50	5.5		
6.0		75	69	40	65	19.5	66	60	21.5	59	60	20.5	47	6.0		
7.0		63	62	37	57	18	58	57	20	55	56	19	44	7.0		
8.0		54	54	35	52	16.5	55	52	18.5	50	51	17.5	40	8.0		
9.0		47	47	33	47	15	48	47.5	17	46	47	16	38	9.0		
10.0		42	42	31	42	14	43	43	16	43	43	14.8	35	10.0		
11.0			38	29	38	13	39	38.5	15	39	39	13.8	32.5	11.0		
12.0			34	28	34.5	12	34.5	35	14	35	36	12.8	30	12.0		
14.0					27.5	11	27.5	28	12.5	28	30	11.2	28	14.0		
16.0					22.5	10	22.5	22.5	11.5	22	24.5	10.2	23.5	16.0		
18.0								19.2	10.5	19	20	9.2	20	18.0		
20.0								16.2	9.5	16	17	8.2	17	20.0		
22.0											14.5	7.4	15	22.0		
24.0											12.5	6.8	13	24.0		
26.0														26.0		
28.0														28.0		
Reeving		14	12		11			9			8			Reeving		
Hook		110t				70t									Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode	
	II	1	2	1	2	1	2	2	1	2	2	1	2	II		
	III	1	1	1	1	1	2	2	1	2	2	1	2	III		
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV		
	V	1	1	2	1	3	1	1	3	1	1	3	2	V		

OMs marked with the asterisks (*) are nominal OMs. When the lifting capacity is more than 100 t, the hook and the pulley on the boom frame need to be modified. Contact the manufacturer in advance if necessary.

Table 1 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 45 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0														5.0	
5.5	46	23.5	28											5.5	
6.0	46	22	27											6.0	
7.0	46	20	24	39	21.5	36.5								7.0	
8.0	46	19	22	38	20	34								8.0	
9.0	43	17.5	20	37	18.5	31.5	30	20	27					9.0	
10.0	41	16.3	18	35	17.2	29	28	18.5	25.5	25	19.2	22		10.0	
11.0	38	15.3	17	32	16	27	27	17.3	24	24.5	18	21		11.0	
12.0	37.2	14.3	16	31	14.8	24.5	26	16.1	22	24	16.9	20		12.0	
14.0	31.2	12.7	14	27.5	13	22	24	14.2	19.5	21.5	15	17.5		14.0	
16.0	25.2	11.5	12.5	24	11.6	19.5	21.7	12.7	17	19.5	13.5	15.5		16.0	
18.0	20.7	10.5	11.5	20.5	10.5	17.5	19.4	11.5	15.5	17.5	12	14		18.0	
20.0	17.7	9.4	10.5	17.2	9.3	15.5	17.3	10.2	14	15.6	10.7	12.5		20.0	
22.0	15.2	8.6	9.5	14.7	8.4	13.5	14.8	9.2	12.5	14.3	9.6	11.5		22.0	
24.0	13.1	7.9	8.7	12.7	7.7	12.0	12.8	8.5	11.5	13	8.8	10.5		24.0	
26.0	11.6	7.5	7.9	11.1	7.2	10.5	11.1	8	10.5	11.2	8.2	9.5		26.0	
28.0	10.1	7	7.2	9.6	6.7	9.2	9.7	7.4	9.4	9.7	7.5	9		28.0	
30.0	9	6.5	6.7	8.5	6.2	8.2	8.5	6.8	8.4	8.6	6.9	8.2		30.0	
32.0				7.2	5.8	7.2	7.4	6.4	7.4	7.6	6.5	7.6		32.0	
34.0				6.5	5.5	6.3	6.5	6	6.7	6.6	6	7		34.0	
36.0							5.7	5.7	5.8	5.7	5.6	6.2		36.0	
38.0							5	5.3	5.2	5.2	5.3	5.5		38.0	
40.0										4.6	5	5		40.0	
42.0										4	4.6	4.4		42.0	
44.0														44.0	
Reeving	6			5			4			3			Reeving		
Hook	70t												25t		Hook
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 1 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 45 t counterweight, over sides and rear													
Working radius (m)	Boom length (m)												Working radius (m)
	55	55	59.6	64									
10.0													10.0
11.0	19	18											11.0
12.0	19	17.5	17										12.0
14.0	18.7	15.5	16.5	13.2									14.0
16.0	17.8	14.2	15.5	12.7									16.0
18.0	15.9	12.8	14.4	12.5									18.0
20.0	14.2	11.5	13	11.4									20.0
22.0	12.9	10.4	11.8	10.4									22.0
24.0	11.7	9.5	10.7	9.9									24.0
26.0	10.7	8.8	9.8	9.1									26.0
28.0	9.8	8.1	9	8.4									28.0
30.0	8.9	7.5	8.3	7.7									30.0
32.0	7.9	7	7.7	7.1									32.0
34.0	7	6.5	7	6.6									34.0
36.0	6.2	6.1	6.5	6.1									36.0
38.0	5.5	5.7	5.9	5.7									38.0
40.0	4.9	5.4	5.3	5.2									40.0
42.0	4.3	4.9	4.7	4.7									42.0
44.0	3.8	4.4	4.2	4.2									44.0
46.0	3.4	3.9	3.7	3.8									46.0
48.0			3.3	3.4									48.0
50.0			2.9	3									50.0
52.0				2.6									52.0
54.0				2.2									54.0
56.0													56.0
Reeving	3	3	2	2									Reeving
Hook	25t												Hook
Telescoping mode	I	3	2	3	4								I
	II	3	3	3	4								II
	III	3	3	3	4								III
	IV	3	3	3	4								IV
	V	2	3	3	4								V
Telescoping mode													

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Table 2 Main boom

Unit: t

Outriggers completely extended 7.8 m, with 30 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		95	90	50	85	26	70	70	28	65				3.5	
4.0		92	87	49	82	24	70	70	26	65				4.0	
4.5		90	83	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		86	78	44	72	21.5	70	70	23.5	65	65	23	50	5.0	
5.5		80	74	42	67	20.5	68	65	22.5	63	63	22	50	5.5	
6.0		73	69	40	65	19.5	66	60	21.5	59	60	20.5	47	6.0	
7.0		60	59	37	57	18	58	57	20	55	56	19	44	7.0	
8.0		51	51	35	50	16.5	51	51	18.5	50	51	17.5	40	8.0	
9.0		43	44	33	43	15	44	44	17	44	45	16	38	9.0	
10.0		35	35	31	34	14	36	35	16	37	36	14.8	35	10.0	
11.0			30.5	29	30	13	31	31	15	32	32	13.8	32.5	11.0	
12.0			27	28	26.5	12	27.5	27.5	14	28.5	28.5	12.8	29.5	12.0	
14.0					20	11	20.5	21	12.5	21.5	22	11.2	22.5	14.0	
16.0					16	10	16.5	17	11.5	17.5	17.5	10.2	18.5	16.0	
18.0								13.3	10.5	14.5	14.3	9.2	15.5	18.0	
20.0								10.8	9.5	12	11.8	8.2	13	20.0	
22.0											9.8	7.4	11	22.0	
24.0											8.4	6.8	9.5	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

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Table 2 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 30 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	46	20	24	39	21.5	36.5							7.0		
8.0	46	19	22	38	20	34							8.0		
9.0	43	17.5	20	37	18.5	31.5	30	20	27				9.0		
10.0	39	16.3	18	35	17.2	29	28	18.5	25.5	25	19.2	22	10.0		
11.0	34	15.3	17	32	16	27	27	17.3	24	24.5	18	21	11.0		
12.0	29.5	14.3	16	29	14.8	24.5	26	16.1	22	24	16.9	20	12.0		
14.0	22.5	12.7	14	22	13	22	22.5	14.2	19.5	21	15	17.5	14.0		
16.0	18.5	11.5	12.5	18	11.6	17.7	17.8	12.7	17	18	13.5	15.5	16.0		
18.0	15.3	10.5	11.5	14.8	10.5	14.7	14.6	11.5	14.9	15	12	14	18.0		
20.0	12.8	9.4	10.5	12.3	9.3	12.2	12.3	10.2	12.4	12.5	10.7	12.5	20.0		
22.0	10.7	8.6	9.5	10.2	8.4	10.2	10.2	9.2	10.4	10.6	9.6	10.8	22.0		
24.0	9.2	7.9	8.7	8.7	7.7	8.8	8.7	8.5	9	9	8.8	9.4	24.0		
26.0	7.9	7.5	7.9	7.3	7.2	7.6	7.3	8	7.8	7.6	8.2	8.2	26.0		
28.0	6.7	7	7.2	6.3	6.7	6.6	6.3	7.4	6.8	6.6	7.5	7.2	28.0		
30.0	5.7	6.5	6.7	5.3	6.2	5.6	5.4	6.8	5.8	5.7	6.9	6.2	30.0		
32.0				4.6	5.8	4.8	4.5	6.4	5	4.8	6.3	5.4	32.0		
34.0				3.9	5.5	4.2	3.8	5.7	4.4	4.1	5.6	4.7	34.0		
36.0							3.3	5.1	3.8	3.5	5	4.1	36.0		
38.0							2.7	4.6	3.3	2.9	4.4	3.6	38.0		
40.0										2.4	3.9	3.1	40.0		
42.0										2	3.4	2.7	42.0		
44.0													44.0		
Reeving	6			5			4			3			Reeving		
Hook	70t									25t			Hook		
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

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Table 2 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 30 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)												Working radius (m)	
		55	55	59.6	64										
10.0															10.0
11.0		19	18												11.0
12.0		19	17.5	17											12.0
14.0		18.7	15.5	16.5	13.2										14.0
16.0		17.5	14.2	15.5	12.7										16.0
18.0		15.5	12.8	14	12.5										18.0
20.0		12.8	11.5	12.5	11.4										20.0
22.0		11	10.4	11.3	10.4										22.0
24.0		9.4	9.5	9.8	9.8										24.0
26.0		8	8.5	8.5	8.5										26.0
28.0		7	7.4	7.4	7.4										28.0
30.0		6	6.6	6.5	6.5										30.0
32.0		5.1	5.8	5.6	5.6										32.0
34.0		4.4	5.1	4.9	4.9										34.0
36.0		3.8	4.4	4.2	4.2										36.0
38.0		3.2	3.9	3.6	3.6										38.0
40.0		2.7	3.5	3.2	3.2										40.0
42.0		2.3	3	2.7	2.7										42.0
44.0		1.9	2.6	2.3	2.3										44.0
46.0		1.6	2.3	2	2										46.0
48.0				1.6	1.6										48.0
50.0				1.3	1.3										50.0
52.0					1										52.0
54.0															54.0
56.0															56.0
Reeving		3	3	2	2										Reeving
Hook		25t												Hook	
Telescoping mode	I	3	2	3	4									I	Telescoping mode
	II	3	3	3	4									II	
	III	3	3	3	4									III	
	IV	3	3	3	4									IV	
	V	2	3	3	4									V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 3 Main boom

Unit: t

Outriggers completely extended 7.8 m, with 20 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32	32			
3.0	100	95	50										3.0		
3.5	95	90	50	85	26	70	70	28	65				3.5		
4.0	92	87	49	82	24	70	70	26	65				4.0		
4.5	90	83	46	77	23	70	70	25	65	65	24.5	50	4.5		
5.0	86	78	44	72	21.5	70	70	23.5	65	65	23	50	5.0		
5.5	78	74	42	67	20.5	68	65	22.5	63	63	22	50	5.5		
6.0	70	71	40	62	19.5	66	60	21.5	59	60	20.5	47	6.0		
7.0	55	55	37	57	18	58	57	20	55	56	19	44	7.0		
8.0	42	42	35	41	16.5	42	42	18.5	43	43	17.5	40	8.0		
9.0	35	35	33	34	15	35	35	17	36	36	16	38	9.0		
10.0	29	29	31	28	14	30	29	16	31	30	14.8	32	10.0		
11.0		25	26.5	24	13	26	25	15	27	26	13.8	28	11.0		
12.0		21.5	23	20.5	12	22.5	21.5	14	23.5	22.5	12.8	24.5	12.0		
14.0				15	11	16.5	16	12.5	17.5	17	11.2	18.5	14.0		
16.0				11	10	13	12	11.5	13.5	13	10.2	14.5	16.0		
18.0							10	10.5	11	10.8	9.2	12	18.0		
20.0							8	9.5	9.5	8.8	8.2	10.3	20.0		
22.0										6.8	7.4	8.7	22.0		
24.0										5.8	6.8	7.4	24.0		
26.0													26.0		
28.0													28.0		
Reeving	14	12			11			9			8			Reeving	
Hook	110t				70t									Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 3 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 20 t counterweight, over sides and rear																
Working radius (m)		Boom length (m)												Working radius (m)		
		36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0														5.0		
5.5		46	23.5	28										5.5		
6.0		46	22	27										6.0		
7.0		46	20	24	39	21.5	36.5							7.0		
8.0		46	19	22	38	20	34							8.0		
9.0		37	17.5	20	37	18.5	31.5	30	20	27				9.0		
10.0		31	16.3	18	30.5	17.2	29	28	18.5	25.5	25	19.2	22	10.0		
11.0		27	15.3	17	26.5	16	26	27	17.3	24	24.5	18	21	11.0		
12.0		23.5	14.3	16	23	14.8	22.5	23	16.1	22	22	16.9	20	12.0		
14.0		18	12.7	14	17.5	13	17.5	17.5	14.2	17.9	17.7	15	17.5	14.0		
16.0		14	11.5	12.5	13.5	11.6	14	13.5	12.7	14.3	13.7	13.5	14.8	16.0		
18.0		11.6	10.5	11.5	11.1	10.5	11.6	11.1	11.5	11.9	11.3	12	12.3	18.0		
20.0		9.6	9.4	10.5	9.1	9.3	9.6	9.1	10.2	9.8	9.3	10.7	10.2	20.0		
22.0		7.6	8.6	9.5	7.1	8.4	7.7	7.1	9.2	7.9	7.3	9.4	8.3	22.0		
24.0		6.6	7.9	8	6.1	7.7	6.7	6.1	8.3	6.9	6.3	8.2	7.3	24.0		
26.0		5.6	7.3	6.9	5.1	7.2	5.7	5.1	7.3	5.9	5.3	7.1	6.2	26.0		
28.0		4.6	6.4	6	4.1	6.5	4.7	4.1	6.4	4.9	4.3	6.1	5.2	28.0		
30.0		3.9	5.7	5.2	3.4	5.7	3.9	3.4	5.5	4.1	3.6	5.3	4.4	30.0		
32.0					2.7	5.0	3.3	2.7	4.8	3.5	2.9	4.6	3.8	32.0		
34.0					2.2	4.4	2.7	2.2	4.2	2.9	2.4	4	3.2	34.0		
36.0								1.7	3.7	2.4	1.9	3.5	2.7	36.0		
38.0								1.2	3.2	1.9	1.4	3.1	2.2	38.0		
40.0											1	2.6	1.8	40.0		
42.0												2.3	1.4	42.0		
44.0														44.0		
Reeving		6			5			4			3			Reeving		
Hook		70t										25t			Hook	
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode	
	II	2	1	1	2	1	3	3	2	3	3	3	3	II		
	III	2	2	3	2	3	2	2	3	3	3	3	3	III		
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV		
	V	2	3	2	2	3	2	2	3	2	2	3	2	V		

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 3 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 20 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)												Working radius (m)	
		55	55	59.6	64										
10.0														10.0	
11.0		19	18											11.0	
12.0		19	17.5	17										12.0	
14.0		17.7	15.5	16.5	13.2									14.0	
16.0		14	14.2	14	12.7									16.0	
18.0		11.6	12.5	12.2	12.2									18.0	
20.0		9.6	10.5	10.2	10.2									20.0	
22.0		7.6	9	8.2	8.2									22.0	
24.0		6.6	7.7	7.1	7.1									24.0	
26.0		5.6	6.6	6.1	6.1									26.0	
28.0		4.6	5.6	5.1	5.1									28.0	
30.0		3.9	4.8	4.3	4.3									30.0	
32.0		3.2	4.2	3.6	3.6									32.0	
34.0		2.7	3.6	3.1	3.1									34.0	
36.0		2.2	3.1	2.6	2.6									36.0	
38.0		1.7	2.6	2.1	2.1									38.0	
40.0		1.3	2.2	1.7	1.7									40.0	
42.0		1	1.7	1.3	1.3									42.0	
44.0			1.4	1	1									44.0	
46.0			1.1											46.0	
48.0														48.0	
Reeving		3	3	2	2									Reeving	
Hook		25t												Hook	
Telescoping mode	I	3	2	3	4									I	Telescoping mode
	II	3	3	3	4									II	
	III	3	3	3	4									III	
	IV	3	3	3	4									IV	
	V	2	3	3	4									V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 4 Main boom

Unit: t

Outriggers completely extended 7.8 m, with 10 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		95	90	50	85	26	70	70	28	65				3.5	
4.0		92	87	49	82	24	70	70	26	65				4.0	
4.5		90	83	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		80	78	44	72	21.5	70	70	23.5	65	65	23	50	5.0	
5.5		72	73	42	67	20.5	68	65	22.5	63	63	22	50	5.5	
6.0		58	59	40	58	19.5	58	59	21.5	59	60	20.5	47	6.0	
7.0		43	43.5	37	42.5	18	44	43.5	20	45.5	45	19	44	7.0	
8.0		33	33.5	35	32.5	16.5	34	33.5	18.5	35.5	35	17.5	37	8.0	
9.0		26.5	27	29.5	26	15	27	27	17	28.5	28.3	16	30	9.0	
10.0		22	22.5	24.5	21.5	14	23	22.5	16	24.2	23.5	14.8	25.5	10.0	
11.0			19	20.5	18.2	13	19.5	19.2	15	20.7	20	13.8	22	11.0	
12.0			16	17.8	15.2	12	16.5	16.2	14	17.6	17	12.8	18.7	12.0	
14.0					11	11	12.5	11.9	12.5	13.5	12.7	11.2	14.4	14.0	
16.0					8.2	10	9.7	9	11.5	10.6	9.8	10.2	11.4	16.0	
18.0								6.8	10	8.4	7.6	9.2	9.2	18.0	
20.0								5	8.2	6.8	5.8	8.2	7.5	20.0	
22.0											4.7	7.2	6.2	22.0	
24.0											3.6	6.2	5.1	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 4 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 10 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	46	20	24	39	21.5	36.5							7.0		
8.0	36.5	19	22	36	20	34							8.0		
9.0	29.5	17.5	20	29	18.5	30	29	20	27				9.0		
10.0	24.7	16.3	18	24.2	17.2	25	24.2	18.5	25.5	24.2	19.2	22	10.0		
11.0	21	15.3	17	20.5	16	21	20.5	17.3	21.5	21	18	21	11.0		
12.0	17.9	14.3	16	17.4	14.8	18	17.4	16.1	18.3	17.8	16.9	18.8	12.0		
14.0	13.5	12.7	14	13	13	13.5	13	14.2	13.7	13.3	14.2	14.2	14.0		
16.0	10.5	11.5	12.2	10	11.6	10.5	10	12	10.7	10.3	11.8	11.2	16.0		
18.0	8.3	10.5	10	7.8	10.5	8.5	7.8	10	8.7	8.1	9.8	9	18.0		
20.0	6.6	8.5	8.2	6.0	8.5	6.8	6.0	8.3	7	6.3	8.5	7.3	20.0		
22.0	5.4	7.2	6.9	4.9	7.2	5.4	4.9	7	5.6	5.1	6.8	6	22.0		
24.0	4.3	6.2	5.8	3.8	6.2	4.3	3.8	6	4.5	4	5.7	4.9	24.0		
26.0	3.4	5.2	4.8	2.9	5.2	3.4	2.9	5	3.6	3.1	4.8	4	26.0		
28.0	2.7	4.4	4	2.2	4.4	2.7	2.2	4.2	2.9	2.4	4.2	3.2	28.0		
30.0	2.1	3.8	3.4	1.6	3.8	2.0	1.6	3.6	2.2	1.8	3.4	2.5	30.0		
32.0				1.0	3.2	1.5	1.0	3	1.7	1.2	2.8	2	32.0		
34.0					2.7	1.0		2.5	1.2		2.3	1.5	34.0		
36.0								2			1.8	1.1	36.0		
38.0								1.7			1.5		38.0		
40.0											1.2		40.0		
42.0													42.0		
44.0													44.0		
Reeving	6			5			4			3			Reeving		
Hook	70t									25t			Hook		
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 4 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 10 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		55	55	59.6	64										
10.0														10.0	
11.0		19	18											11.0	
12.0		18.3	17.5	17										12.0	
14.0		13.8	13	14.3	13.2									14.0	
16.0		10.8	11.3	11.3	11.3									16.0	
18.0		8.6	9.3	9	9									18.0	
20.0		6.8	8	7.2	7.2									20.0	
22.0		5.6	6.4	6	6									22.0	
24.0		4.5	5.3	4.8	4.8									24.0	
26.0		3.5	4.4	4	4									26.0	
28.0		2.8	3.7	3.1	3.1									28.0	
30.0		2.2	2.9	2.5	2.5									30.0	
32.0		1.5	2.3	1.9	1.9									32.0	
34.0		1.1	1.8	1.5	1.5									34.0	
36.0			1.3	1.1	1.1									36.0	
38.0			1											38.0	
40.0														40.0	
Reeving		3	3	2	2									Reeving	
Hook		25t											Hook		
Telescoping mode	I	3	2	3	4									I	Telescoping mode
	II	3	3	3	4									II	
	III	3	3	3	4									III	
	IV	3	3	3	4									IV	
	V	2	3	3	4									V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 5 Main boom

Unit: t

Outriggers completely extended 7.8 m, with 0 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		95	95	50										3.0	
3.5		90	90	50	85	26	70	70	28	65				3.5	
4.0		87	87	49	82	24	70	70	26	65				4.0	
4.5		80	80	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		72	72	44	70	21.5	65	70	23.5	62	65	23	50	5.0	
5.5		57	57.5	42	56	20.5	58	57.5	22.5	59.5	59	22	50	5.5	
6.0		44	44.5	40	43	19.5	45	44.5	21.5	46.5	46	20.5	45	6.0	
7.0		32	32.5	35	31.5	18	34	32.5	20	35.5	34	19	37	7.0	
8.0		24	24.5	27	23.5	16.5	26	24.5	18.5	27.2	26	17.5	28.5	8.0	
9.0		19	19.5	21.5	18.5	15	20.5	19.5	17	21.7	20.5	16	22.9	9.0	
10.0		15	15.5	17.5	14.7	14	16.5	15.5	16	17.5	16.5	14.8	18.6	10.0	
11.0			12.5	14.5	11.7	13	13.5	12.5	15	14.5	13.5	13.8	15.5	11.0	
12.0			10	12	9.2	12	11.2	10	14	12.2	11	12.8	13.2	12.0	
14.0					6.2	10	8	7	10.5	8.9	7.8	11	9.8	14.0	
16.0					4	7.5	5.5	4.8	8	6.4	5.6	8.5	7.2	16.0	
18.0								3.1	6.4	4.7	3.9	6.8	5.5	18.0	
20.0								1.9	5	3.5	2.6	5.4	4.3	20.0	
22.0											1.7	4.3	3.2	22.0	
24.0												3.5	2.4	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 5 Main boom (continued)

Unit: t

Outriggers completely extended 7.8 m, with 0 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	35.5	20	24	34.5	21.5	34							7.0		
8.0	27	19	22	25.5	20	27.5							8.0		
9.0	21.5	17.5	20	21	18.5	22	21	20	22.5				9.0		
10.0	17.5	16.3	18	17	17.2	17.5	16	18.5	18	17	19.2	18.5	10.0		
11.0	14.5	15.3	16.5	14	16	14.8	15	17	15.2	14.5	16.8	15.7	11.0		
12.0	12	13.8	14.2	11.5	14.5	12.4	11.5	14.3	12.8	12	14.1	13.3	12.0		
14.0	8.5	11	10.6	8	11	8.9	8	10.8	9.2	8.4	10.6	9.6	14.0		
16.0	6.4	8.5	8	5.9	8.5	6.6	5.9	8.3	6.8	6	8.1	7.2	16.0		
18.0	4.7	6.8	6.3	4.2	6.8	4.8	4.2	6.6	5	4.5	6.4	5.4	18.0		
20.0	3.4	5.4	5	2.9	5.4	3.5	2.9	5.2	3.7	3.2	5	4.1	20.0		
22.0	2.4	4.3	3.9	1.9	4.3	2.5	1.9	4.1	2.7	2.2	3.9	3	22.0		
24.0	1.7	3.5	3	1.1	3.5	1.7	1.1	3.3	1.9	1.4	3.1	2.2	24.0		
26.0	1.0	2.8	2.4		2.8			2.6	1.2		2.4	1.5	26.0		
28.0		2.2	1.8		2.2			2			1.8		28.0		
30.0		1.7	1.3		1.7			1.5			1.3		30.0		
32.0					1.3			1.1			1		32.0		
34.0													34.0		
36.0													36.0		
Reeving		6			5			4			3			Reeving	
Hook		70t									25t			Hook	
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

Table 5 Main boom (*continued*)

Unit: t

Outriggers completely extended 7.8 m, with 0 t counterweight, over sides and rear														
Working radius (m)	Boom length (m)												Working radius (m)	
	55	55	59.6	64										
10.0													10.0	
11.0	15	16											11.0	
12.0	12.5	13.6	13										12.0	
14.0	8.9	10.1	9.5	9.5									14.0	
16.0	6.6	7.6	7	7									16.0	
18.0	4.9	5.8	5.3	5.3									18.0	
20.0	3.5	4.5	4	4									20.0	
22.0	2.5	3.4	3	3									22.0	
24.0	1.7	2.6	2.2	2.2									24.0	
26.0	1.1	1.9	1.5	1.5									26.0	
28.0		1.3											28.0	
30.0													30.0	
32.0													32.0	
Reeving	3	3	2	2									Reeving	
Hook		25t												Hook
Telescoping mode	I	3	2	3	4								I	Telescoping mode
	II	3	3	3	4								II	
	III	3	3	3	4								III	
	IV	3	3	3	4								IV	
	V	2	3	3	4								V	

Table 6 Main boom

Unit: t

Outriggers intermediately extended 5.6 m, with 45 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		93	90	50	85	26	70	70	28	65				3.5	
4.0		88	87	49	82	24	70	70	26	65				4.0	
4.5		84	83	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		81	78	44	72	21.5	70	70	23.5	65	65	23	50	5.0	
5.5		74	74	42	67	20.5	68	65	22.5	63	63	22	50	5.5	
6.0		69	69	40	65	19.5	66	60	21.5	59	58	20.5	47	6.0	
7.0		56	56	37	55	18	55	56	20	55	54	19	44	7.0	
8.0		47	47	35	46	16.5	48.5	47	18.5	50	48	17.5	40	8.0	
9.0		40	40	33	39	15	41.5	40	17	42.5	41	16	38	9.0	
10.0		35	35	31	34	14	36.5	35	16	37.5	36	14.8	35	10.0	
11.0			30	29	29	13	31	30	15	32	31	13.8	32.5	11.0	
12.0			26	28	25.0	12	26.5	25.8	14	27.5	26.8	12.8	28.5	12.0	
14.0					19.0	11	21	19.7	12.5	22	20.5	11.2	23	14.0	
16.0					15.0	10	17	15.7	11.5	17.8	16.5	10.2	18.7	16.0	
18.0								12.6	10.5	15	13.4	9.2	15.8	18.0	
20.0								10.5	9.5	12.5	11.3	8.2	13.2	20.0	
22.0											9.6	7.4	11.3	22.0	
24.0											8.2	6.8	9.8	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 6 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 45 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	46	20	24	39	21.5	36.5							7.0		
8.0	46	19	22	38	20	34							8.0		
9.0	40	17.5	20	37	18.5	31.5	30	20	27				9.0		
10.0	37	16.3	18	35	17.2	29	28	18.5	25.5	25	19.2	22	10.0		
11.0	32	15.3	17	29	16	27	27	17.3	24	24	18	21	11.0		
12.0	27.8	14.3	16	27.3	14.8	24.5	24	16.1	22	23	16.9	20	12.0		
14.0	21.5	12.7	14	21	13	22	21	14.2	19.5	20.5	15	17.5	14.0		
16.0	17.5	11.5	12.5	17	11.6	18	17	12.7	17	16.5	13.5	15.5	16.0		
18.0	14.2	10.5	11.5	13.7	10.5	15.1	13.7	11.5	15.3	14	12	14	18.0		
20.0	12.1	9.4	10.5	11.6	9.3	12.5	11.6	10.2	12.7	11.9	10.7	12.5	20.0		
22.0	10.4	8.6	9.5	9.9	8.4	10.6	9.9	9.2	10.8	10.2	9.6	11.3	22.0		
24.0	9	7.9	8.7	8.5	7.7	9.1	8.5	8.5	9.3	8.8	8.8	9.7	24.0		
26.0	7.8	7.5	7.9	7.3	7.2	7.8	7.3	8	8	7.6	8.2	8.4	26.0		
28.0	6.8	7	7.2	6.3	6.7	6.8	6.3	7.4	7	6.6	7.5	7.3	28.0		
30.0	5.8	6.5	6.7	5.3	6.2	5.9	5.3	6.8	6.1	5.6	6.9	6.4	30.0		
32.0				4.6	5.8	5.2	4.6	6.4	5.4	4.9	6.5	5.7	32.0		
34.0				3.9	5.5	4.4	3.9	6	4.6	4.2	5.8	4.9	34.0		
36.0							3.3	5.4	4	3.6	5.2	4.3	36.0		
38.0							2.6	4.8	3.5	2.9	4.7	3.8	38.0		
40.0										2.6	4.2	3.4	40.0		
42.0										2.1	3.7	2.9	42.0		
44.0													44.0		
Reeving	6			5			4			3			Reeving		
Hook	70t									25t			Hook		
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 6 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 45 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		55	55	59.6	64										
10.0														10.0	
11.0		19	18											11.0	
12.0		19	17.5	17										12.0	
14.0		18.7	15.5	16	13.2									14.0	
16.0		15.5	14.2	15	12.7									16.0	
18.0		13.5	12.8	13	12.5									18.0	
20.0		12.4	11.5	12.4	11.4									20.0	
22.0		10.7	10.4	11	10.4									22.0	
24.0		9.2	9.5	9.7	9.5									24.0	
26.0		8	8.8	8.5	8.5									26.0	
28.0		7	7.8	7.5	7.5									28.0	
30.0		6	6.9	6.5	6.5									30.0	
32.0		5.3	6.1	5.7	5.7									32.0	
34.0		4.5	5.4	4.9	4.9									34.0	
36.0		3.9	4.8	4.3	4.3									36.0	
38.0		3.2	4.2	3.6	3.6									38.0	
40.0		2.9	3.7	3.3	3.3									40.0	
42.0		2.4	3.3	2.8	2.8									42.0	
44.0		2	2.9	2.4	2.4									44.0	
46.0		1.7	2.5	2.1	2.1									46.0	
48.0				1.7	1.7									48.0	
50.0				1.4	1.4									50.0	
52.0					1.2									52.0	
54.0														54.0	
56.0														56.0	
Reeving		3	3	2	2									Reeving	
Hook		25t												Hook	
Telescoping mode	I	3	2	3	4									I	Telescoping mode
	II	3	3	3	4									II	
	III	3	3	3	4									III	
	IV	3	3	3	4									IV	
	V	2	3	3	4									V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 7 Main boom

Unit: t

Outriggers intermediately extended 5.6 m, with 30 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		93	90	50	85	26	70	70	28	65				3.5	
4.0		88	87	49	82	24	70	70	26	65				4.0	
4.5		84	83	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		81	76	44	72	21.5	70	70	23.5	65	65	23	50	5.0	
5.5		72	72	42	67	20.5	68	65	22.5	63	63	22	50	5.5	
6.0		60	60.5	40	58	19.5	60	57	21.5	59	56	20.5	47	6.0	
7.0		47	47.5	37	46.5	18	48	47.5	20	49	47.5	19	44	7.0	
8.0		38	38.5	35	37.5	16.5	39	38.5	18.5	40	39.5	17.5	40	8.0	
9.0		31	31.5	33	30.5	15	32	31.5	17	33	32.5	16	34	9.0	
10.0		26	26.5	28	25.7	14	27	26.6	16	28	27.6	14.8	29	10.0	
11.0			22.5	24	21.7	13	23	22.6	15	24	23.6	13.8	25	11.0	
12.0			19.5	21	18.8	12	20	19.7	14	21	20.6	12.8	21.9	12.0	
14.0					14	11	15.5	14.7	12.5	16.5	15.6	11.2	17.3	14.0	
16.0					10.6	10	12	11.3	11.5	13	12.2	10.2	13.8	16.0	
18.0								9	10.5	10.5	9.9	9.2	11.2	18.0	
20.0								7.2	9.5	8.7	8	8.2	9.4	20.0	
22.0											6.7	7.4	7.9	22.0	
24.0											5.5	6.8	6.7	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 7 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 30 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	44	20	24	39	21.5	36.5							7.0		
8.0	40	19	22	38	20	34							8.0		
9.0	33.5	17.5	20	32.8	18.5	31.5	30	20	27				9.0		
10.0	28.6	16.3	18	27.9	17.2	29	28	18.5	25.5	25	19.2	22	10.0		
11.0	24.6	15.3	17	24	16	24.2	24	17.3	23.5	24.5	18	21	11.0		
12.0	21.6	14.3	16	21	14.8	21.1	21	16.1	21.5	21.4	16.9	20	12.0		
14.0	16.5	12.7	14	15.9	13	16.5	15.9	14.2	16.8	16.3	15	17.2	14.0		
16.0	13.1	11.5	12.5	12.5	11.6	13	12.5	12.7	13.3	12.8	13.5	13.7	16.0		
18.0	10.7	10.5	11.5	10.1	10.5	10.5	10.1	11.5	10.7	10.4	12	11.1	18.0		
20.0	8.8	9.4	10.2	8.2	9.3	8.7	8.2	10.2	8.9	8.5	10	9.3	20.0		
22.0	7.4	8.6	8.6	6.8	8.4	7.1	6.8	9	7.3	7.1	8.8	7.7	22.0		
24.0	6.2	7.9	7.3	5.6	7.7	6.0	5.6	7.6	6.2	5.9	7.4	6.6	24.0		
26.0	5.1	6.8	6.3	4.5	6.8	5.0	4.5	6.6	5.2	4.8	6.4	5.5	26.0		
28.0	4.3	6	5.5	3.8	6.0	4.2	3.8	5.8	4.4	4	5.6	4.7	28.0		
30.0	3.5	5.2	4.8	3.0	5.2	3.4	3.0	5	3.6	3.2	4.8	3.9	30.0		
32.0				2.5	4.6	2.8	2.5	4.4	3	2.7	4.2	3.3	32.0		
34.0				1.9	4.0	2.3	1.9	3.8	2.5	2.1	3.6	2.8	34.0		
36.0							1.5	3.4	2	1.6	3.2	2.3	36.0		
38.0								2.9	1.6	1.2	2.7	1.9	38.0		
40.0											2.3	1.5	40.0		
42.0											2	1.1	42.0		
44.0													44.0		
Reeving	6			5			4			3			Reeving		
Hook	70t									25t			Hook		
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 7 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 30 t counterweight, over sides and rear														
Working radius (m)	Boom length (m)										Working radius (m)			
	55	55	59.6	64										
10.0														10.0
11.0	19	18												11.0
12.0	19	17.5	17											12.0
14.0	16.8	15.5	16.5	13.2										14.0
16.0	13.3	13	13.8	12.7										16.0
18.0	10.8	11.5	11.3	11.3										18.0
20.0	8.9	9.5	9.3	9.3										20.0
22.0	7.5	8.3	7.9	7.9										22.0
24.0	6.3	6.9	6.7	6.7										24.0
26.0	5.2	5.9	5.6	5.6										26.0
28.0	4.3	5.1	4.7	4.7										28.0
30.0	3.5	4.3	3.9	3.9										30.0
32.0	3	3.7	3.4	3.4										32.0
34.0	2.4	3.1	2.8	2.8										34.0
36.0	1.9	2.7	2.3	2.3										36.0
38.0	1.5	2.2	1.9	1.9										38.0
40.0	1.1	1.8	1.5	1.5										40.0
42.0		1.5	1.1	1.1										42.0
44.0		1.2												44.0
46.0														46.0
48.0														48.0
Reeving	3	3	2	2										Reeving
Hook	25t												Hook	
Telescoping mode	I	3	2	3	4								I	Telescoping mode
	II	3	3	3	4								II	
	III	3	3	3	4								III	
	IV	3	3	3	4								IV	
	V	2	3	3	4								V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 8 Main boom

Unit: t

Outriggers intermediately extended 5.6 m, with 20 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		93	90	50	85	26	70	70	28	65				3.5	
4.0		88	85	49	82	24	70	70	26	65				4.0	
4.5		82	79	46	77	23	70	70	25	65	65	24.5	50	4.5	
5.0		77	75	44	72	21.5	70	70	23.5	65	65	23	50	5.0	
5.5		66	65.5	42	61.5	20.5	64.5	60.5	22.5	63	60	22	50	5.5	
6.0		53	53.5	40	51.5	19.5	53.5	50	21.5	53.5	50	20.5	47	6.0	
7.0		38	38.5	36	37	18	39	38	20	40	38.5	19	40	7.0	
8.0		30	30.5	33	29.5	16.5	31.5	30.5	18.5	32.5	31.5	17.5	33.7	8.0	
9.0		24	24.5	27	23.5	15	25.5	24.5	17	26.5	25.5	16	27.7	9.0	
10.0		19.5	20	22	19	14	21	20	16	22	21	14.8	23.1	10.0	
11.0			17	18.5	16.2	13	18	17.1	15	19	18.1	13.8	20	11.0	
12.0			14.5	16	13.7	12	15	14.5	14	16	15.4	12.8	17	12.0	
14.0					9.8	11	11.2	10.5	12.5	12.1	11.3	11.2	13.1	14.0	
16.0					7.2	10	8.8	7.9	11	9.7	8.7	10.2	10.6	16.0	
18.0								6.1	9	7.6	6.9	8.9	8.4	18.0	
20.0								4.6	7.5	6	5.4	7.8	6.7	20.0	
22.0											4.1	6.7	5.6	22.0	
24.0											3.2	5.6	4.6	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 8 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 20 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	46	23.5	28										5.5		
6.0	46	22	27										6.0		
7.0	39	20	24	37.5	21.5	36.5							7.0		
8.0	32	19	22	31	20	31.7							8.0		
9.0	26.5	17.5	20	25.5	18.5	26.7	25.5	20	26.7				9.0		
10.0	22	16.3	18	21.5	17.2	22.4	21.5	18.5	22.8	21.7	19.2	22	10.0		
11.0	19	15.3	17	18.5	16	19.1	18.5	17.3	19.5	18.8	18	20	11.0		
12.0	16.3	14.3	16	15.8	14.8	16.1	15.8	16.1	16.5	16.1	16.6	17	12.0		
14.0	12.2	12.7	13.9	11.7	13	12.3	11.7	13.8	12.6	12	13.6	13.1	14.0		
16.0	9.6	11.5	11.4	9.1	11.6	9.8	9.1	11.4	10.0	9.4	11.2	10.4	16.0		
18.0	7.7	9.5	9.1	7.2	9.5	7.6	7.2	9.3	7.8	7.5	9.1	8.2	18.0		
20.0	6.2	7.5	7.4	5.7	7.5	5.9	5.7	7.3	6.1	5.9	7.1	6.5	20.0		
22.0	4.9	6.7	6.2	4.4	6.7	4.7	4.4	6.5	4.9	4.6	6.3	5.3	22.0		
24.0	3.9	5.6	5.2	3.4	5.6	3.7	3.4	5.4	3.9	3.6	5.2	4.3	24.0		
26.0	3.1	4.8	4.4	2.6	4.8	3.0	2.6	4.6	3.2	2.8	4.4	3.5	26.0		
28.0	2.5	4.1	3.7	2.0	4.1	2.3	2.0	3.9	2.5	2.2	3.7	2.8	28.0		
30.0	1.9	3.5	3.1	1.4	3.5	1.7	1.4	3.3	1.9	1.6	3.1	2.2	30.0		
32.0					3.0	1.2		2.8	1.4	1.1	2.6	1.7	32.0		
34.0					2.5			2.3			2.1	1.2	34.0		
36.0								1.9			1.7		36.0		
38.0								1.6			1.4		38.0		
40.0											1.1		40.0		
42.0													42.0		
44.0													44.0		
Reeving	6			5			4			3			Reeving		
Hook	70t									25t			Hook		
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 8 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 20 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		55	55	59.6	64										
10.0														10.0	
11.0		19	18											11.0	
12.0		16.6	16.5	17										12.0	
14.0		12.5	13.1	13	13									14.0	
16.0		9.8	10.7	10.3	10.3									16.0	
18.0		7.9	8.6	8.3	8.3									18.0	
20.0		6.3	6.6	6.7	6.7									20.0	
22.0		5	5.8	5.4	5.4									22.0	
24.0		4	4.7	4.4	4.4									24.0	
26.0		3.1	3.9	3.5	3.5									26.0	
28.0		2.5	3.2	2.9	2.9									28.0	
30.0		1.9	2.6	2.3	2.3									30.0	
32.0		1.4	2.1	1.8	1.8									32.0	
34.0			1.7	1.3	1.3									34.0	
36.0			1.2											36.0	
38.0														38.0	
40.0														40.0	
Reeving		3	3	2	2									Reeving	
Hook		25t											Hook		
Telescoping mode	I	3	2	3	4									I	Telescoping mode
	II	3	3	3	4									II	
	III	3	3	3	4									III	
	IV	3	3	3	4									IV	
	V	2	3	3	4									V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 9 Main boom

Unit: t

Outriggers intermediately extended 5.6 m, with 10 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)											Working radius (m)		
		13.6	18.2	18.2	22.8	22.8	22.8	27.4	27.4	27.4	32	32			32
3.0		100	95	50										3.0	
3.5		93	90	50	85	26	70	70	28	65				3.5	
4.0		86	82	49	78	24	70	70	26	65				4.0	
4.5		75	72	46	67	23	70	65	25	65	64	24.5	50	4.5	
5.0		60	58.5	44	54.5	21.5	57	53.5	23.5	57	53.5	23	50	5.0	
5.5		48	48	42	44.5	20.5	47.5	44.5	22.5	47.5	44.5	22	47.5	5.5	
6.0		38	38.5	40	36.5	19.5	39	36.5	21.5	39	36.5	20.5	39	6.0	
7.0		28	28.5	30.5	27.5	18	29.5	28.5	20	30.5	29	19	31	7.0	
8.0		21.5	22	24	21	16.5	23	22	18.5	24	23	17.5	25	8.0	
9.0		16.5	17	19	16	15	18	17	17	19	18	16	20	9.0	
10.0		13	13.5	15	12.6	14	14.5	13.6	16	15.5	14.6	14.8	16.5	10.0	
11.0			11.2	13	10.4	13	12.2	11.4	15	13.2	12.4	13.8	14.2	11.0	
12.0			9.2	11.2	8.4	12	10	9.3	13	11	10.2	12.8	12	12.0	
14.0					5.8	9.2	7.2	6.6	9.7	8.1	7.5	10.1	9	14.0	
16.0					3.8	7.2	5.2	4.6	7.7	6.1	5.4	8.1	7	16.0	
18.0								3.1	6.2	4.6	3.9	6.5	5.4	18.0	
20.0								2	5	3.5	2.8	5.3	4.2	20.0	
22.0											1.8	4.3	3.2	22.0	
24.0											1.1	3.5	2.5	24.0	
26.0														26.0	
28.0														28.0	
Reeving		14	12		11			9			8			Reeving	
Hook		110t				70t								Hook	
Telescoping mode	I	1	1	1	2	1	1	2	1	1	2	1	1	I	Telescoping mode
	II	1	2	1	2	1	2	2	1	2	2	1	2	II	
	III	1	1	1	1	1	2	2	1	2	2	1	2	III	
	IV	1	1	1	1	1	1	1	2	2	2	3	2	IV	
	V	1	1	2	1	3	1	1	3	1	1	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 9 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 10 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	36.6	36.6	36.6	41.2	41.2	41.2	45.8	45.8	45.8	50.4	50.4	50.4			
5.0													5.0		
5.5	44.5	23.5	28										5.5		
6.0	37	22	27										6.0		
7.0	29.5	20	24	28	21.5	28							7.0		
8.0	23.5	19	22	22.5	20	23.5							8.0		
9.0	19	17.5	20	18.2	18.5	19	18	20	19				9.0		
10.0	15.6	16.3	17.4	15	17.2	15.6	15	17.8	16	15.2	17.4	16.3	10.0		
11.0	13.4	15.3	15.1	12.8	16	13.3	12.8	15.5	13.7	13.2	15.3	14.1	11.0		
12.0	11.1	13.3	12.9	10.5	13.3	11.1	10.5	13.1	11.4	10.8	13	11.8	12.0		
14.0	8.3	10.1	9.8	7.7	10.1	8.2	7.7	9.9	8.5	8.1	9.8	8.9	14.0		
16.0	6.2	8.1	7.7	5.6	8.1	6.1	5.6	7.9	6.4	5.9	7.8	6.8	16.0		
18.0	4.6	6.5	6.1	4.1	6.5	4.6	4.1	6.3	4.8	4.4	6.2	5.2	18.0		
20.0	3.5	5.3	4.8	3	5.3	3.4	3	5.1	3.6	3.2	5	4	20.0		
22.0	2.5	4.3	3.8	2	4.3	2.4	2	4.1	2.6	2.2	4	3	22.0		
24.0	1.8	3.5	3.1	1.3	3.5	1.7	1.3	3.3	1.9	1.5	3.2	2.2	24.0		
26.0	1.2	2.9	2.5		2.9	1.1		2.7	1.3		2.6	1.6	26.0		
28.0		2.3	1.9		2.3			2.1			2	1.1	28.0		
30.0		1.8	1.4		1.8			1.6			1.5		30.0		
32.0					1.4			1.2			1.1		32.0		
34.0					1.1								34.0		
36.0													36.0		
Reeving		6			5			4			3			Reeving	
Hook		70t									25t			Hook	
Telescoping mode	I	2	1	1	3	1	2	3	1	2	3	1	2	I	Telescoping mode
	II	2	1	1	2	1	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	2	2	3	3	3	3	3	III	
	IV	2	3	3	2	3	2	2	3	2	2	3	3	IV	
	V	2	3	2	2	3	2	2	3	2	2	3	2	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 9 Main boom (continued)

Unit: t

Outriggers intermediately extended 5.6 m, with 10 t counterweight, over sides and rear														
Working radius (m)	Boom length (m)												Working radius (m)	
	55	55	59.6	64										
10.0													10.0	
11.0	13.7	14.7											11.0	
12.0	11.3	12.5	11.8										12.0	
14.0	8.6	9.2	9.1	9.1									14.0	
16.0	6.4	7.3	6.9	6.9									16.0	
18.0	4.8	5.7	5.3	5.3									18.0	
20.0	3.6	4.5	4.1	4.1									20.0	
22.0	2.6	3.5	3	3									22.0	
24.0	1.9	2.7	2.3	2.3									24.0	
26.0	1.3	2.1	1.7	1.7									26.0	
28.0		1.5	1.1	1.1									28.0	
30.0		1											30.0	
32.0													32.0	
Reeving	3	3	2	2									Reeving	
Hook		25t												Hook
Telescoping mode	I	3	2	3	4								I	Telescoping mode
	II	3	3	3	4								II	
	III	3	3	3	4								III	
	IV	3	3	3	4								IV	
	V	2	3	3	4								V	

Table 10 Main boom + Jib

Unit: t

Outriggers completely extended 7.8 m, with 45 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.5																	
18	6.5	4.6		6.5			4.0											
20	6.4	4.6	4.3	6.3	4.6		4.0	2.2		4.0			2.6					
22	6.2	4.5	4.3	6.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	6.0	4.4	4.1	5.8	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	5.7	4.3	4.0	5.6	4.3	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	5.5	4.3	4.0	5.4	4.3	4.0	3.4	2.1	1.8	3.4	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	5.3	4.2	3.9	5.2	4.2	3.9	3.2	2.0	1.7	3.2	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	5.2	4.1	3.8	5.0	4.1	3.8	3.0	2.0	1.7	3.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	4.9	4.0	3.7	4.7	4.0	3.7	2.8	2.0	1.7	2.8	2.0	1.7	2.2	1.7	1.4	2.2	1.7	1.4
36	4.7	3.8	3.6	4.5	3.8	3.6	2.7	1.9	1.7	2.7	1.9	1.7	2.1	1.7	1.4	2.1	1.6	1.4
38	4.4	3.8	3.5	4.2	3.8	3.5	2.6	1.9	1.6	2.6	1.9	1.6	2.0	1.6	1.3	2.0	1.6	1.3
40	4.2	3.6	3.4	4.1	3.6	3.4	2.5	1.9	1.6	2.5	1.9	1.6	1.9	1.6	1.3	1.9	1.5	1.3
42	4.0	3.4	3.2	3.8	3.4	3.2	2.4	1.8	1.6	2.4	1.8	1.6	1.8	1.5	1.3	1.8	1.5	1.3
44	3.8	3.2	3.0	3.6	3.2	3.0	2.3	1.8	1.6	2.3	1.8	1.6	1.7	1.4	1.3	1.7	1.4	1.3
46	3.5	3.0	2.9	3.4	3.0	2.9	2.2	1.8	1.6	2.2	1.8	1.6	1.6	1.4	1.2	1.6	1.4	1.2
48	3.2	2.9	2.8	3.2	2.9	2.8	2.1	1.8	1.6	2.1	1.8	1.6	1.5	1.3	1.2	1.5	1.3	1.2
50	2.9	2.7	2.6	2.9	2.7	2.6	1.9	1.7	1.5	1.9	1.7	1.5	1.4	1.3	1.1	1.5	1.2	1.2
52	2.5	2.6	2.5	2.5	2.6	2.5	1.9	1.7	1.5	1.9	1.7	1.5	1.4	1.2	1.1	1.4	1.1	1.1
54	2.3	2.4	2.4	2.3	2.4	2.4	1.9	1.7	1.5	1.9	1.7	1.5	1.3	1.1	1.0	1.3	1.1	1.1
56	2.0	2.1	2.1	2.0	2.1	2.1	1.8	1.6	1.5	1.8	1.6	1.5	1.2	1.1	1.0	1.3	1.1	1.0
58	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.6	1.5	1.8	1.6	1.5	1.1	1.0	1.0	1.2	1.0	1.0
60	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.4	1.6	1.6	1.4	1.1	1.0	1.0	1.1	1.0	
62				1.2	1.2	1.2	1.4	1.5	1.4	1.4	1.5	1.4	1.1	1.0		1.1	1.0	
64							1.2	1.3	1.3	1.2	1.3	1.3	1.0			1.0		
66										1.0	1.1	1.1	1.0			1.0		

Table 11 Main boom + Jib

Unit: t

Outriggers completely extended 7.8 m, with 30 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.5																	
18	6.5	4.6		6.5			4.0											
20	6.4	4.6	4.3	6.3	4.6		4.0	2.2		4.0			2.6					
22	6.2	4.5	4.3	6.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	6.0	4.4	4.1	5.8	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	5.7	4.3	4.0	5.6	4.3	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	5.5	4.3	4.0	5.4	4.3	4.0	3.4	2.1	1.8	3.4	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	5.3	4.2	3.9	5.2	4.2	3.9	3.2	2.0	1.7	3.2	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	5.1	4.1	3.8	5.0	4.1	3.8	3.0	2.0	1.7	3.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	4.5	4.0	3.7	4.5	4.0	3.7	2.8	2.0	1.7	2.8	2.0	1.7	2.2	1.7	1.4	2.2	1.7	1.4
36	4.0	3.8	3.6	4.0	3.8	3.6	2.7	1.9	1.7	2.7	1.9	1.7	2.1	1.7	1.4	2.1	1.6	1.4
38	3.5	3.7	3.5	3.5	3.7	3.5	2.6	1.9	1.6	2.6	1.9	1.6	2.0	1.6	1.3	2.0	1.6	1.3
40	3.0	3.2	3.3	3.0	3.2	3.3	2.5	1.9	1.6	2.5	1.9	1.6	1.9	1.6	1.3	1.9	1.5	1.3
42	2.6	2.8	2.9	2.6	2.8	2.9	2.4	1.8	1.6	2.4	1.8	1.6	1.8	1.5	1.3	1.8	1.5	1.3
44	2.3	2.4	2.5	2.3	2.4	2.5	2.3	1.8	1.6	2.3	1.8	1.6	1.7	1.4	1.3	1.7	1.4	1.3
46	2.0	2.1	2.1	2.0	2.1	2.1	2.1	1.8	1.6	2.1	1.8	1.6	1.6	1.4	1.2	1.6	1.4	1.2
48	1.7	1.8	1.8	1.7	1.8	1.8	1.9	1.8	1.6	1.9	1.8	1.6	1.5	1.3	1.2	1.5	1.3	1.2
50	1.3	1.4	1.4	1.3	1.4	1.4	1.6	1.7	1.5	1.6	1.7	1.5	1.4	1.3	1.1	1.5	1.2	1.2
52	1.1	1.2	1.2	1.1	1.2	1.2	1.3	1.5	1.5	1.3	1.5	1.5	1.4	1.2	1.1	1.4	1.1	1.1
54							1.1	1.3	1.4	1.1	1.3	1.4	1.3	1.1	1.0	1.3	1.1	1.1
56								1.0	1.1		1.0	1.1	1.2	1.1	1.0	1.2	1.1	1.0
58													1.0	1.0	1.0	1.0	1.0	1.0
60														1.0			1.0	
62																		

Table 12 Main boom + Jib

Unit: t

Outriggers completely extended 7.8 m, with 20 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.5																	
18	6.5	4.6		6.5			4.0											
20	6.4	4.6	4.3	6.3	4.6		4.0	2.2		4.0			2.6					
22	6.2	4.5	4.3	6.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	6.0	4.4	4.1	5.8	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	5.5	4.3	4.0	5.5	4.3	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	4.7	4.3	4.0	4.7	4.3	4.0	3.4	2.1	1.8	3.4	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	4.1	4.2	3.9	4.1	4.2	3.9	3.2	2.0	1.7	3.2	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	3.5	3.7	3.8	3.5	3.7	3.8	3.0	2.0	1.7	3.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	3.0	3.2	3.3	3.0	3.2	3.3	2.8	2.0	1.7	2.8	2.0	1.7	2.2	1.7	1.4	2.2	1.7	1.4
36	2.5	2.7	2.8	2.5	2.7	2.8	2.6	1.9	1.7	2.6	1.9	1.7	2.1	1.7	1.4	2.1	1.6	1.4
38	2.1	2.3	2.4	2.1	2.3	2.4	2.4	1.9	1.6	2.4	1.9	1.6	2.0	1.6	1.3	2.0	1.6	1.3
40	1.7	1.9	2.0	1.7	1.9	2.0	2.0	1.9	1.6	2.0	1.9	1.6	1.9	1.6	1.3	1.9	1.5	1.3
42	1.4	1.5	1.6	1.4	1.5	1.6	1.7	1.7	1.6	1.7	1.7	1.6	1.8	1.5	1.3	1.8	1.5	1.3
44	1.1	1.2	1.2	1.1	1.2	1.2	1.3	1.5	1.5	1.3	1.5	1.5	1.6	1.4	1.3	1.6	1.4	1.3
46		0.9	0.9		0.9	0.9	1.0	1.2	1.3	1.0	1.2	1.3	1.5	1.4	1.2	1.4	1.3	1.2
48								1.0	1.1		1.0	1.1	1.3	1.3	1.2	1.2	1.2	1.2
50									0.9				0.9	1.0	1.2	1.1	0.9	1.1
52														1.1	1.1		1.0	1.1
54															1.0			1.0
56																		
58																		

Table 13 Main boom + Jib

Unit: t

Outriggers completely extended 7.8 m, with 10 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.3																	
18	6.3	4.6		6.3			4.0											
20	5.9	4.6	4.3	5.9	4.6		4.0	2.2		4.0			2.6					
22	5.1	4.5	4.3	5.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	4.3	4.4	4.1	4.3	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	3.5	3.9	4.0	3.5	3.9	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	2.9	3.2	3.4	2.9	3.2	3.4	3.2	2.1	1.8	3.2	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	2.3	2.6	2.8	2.3	2.6	2.8	2.6	2.0	1.7	2.6	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	1.8	2.1	2.3	1.8	2.1	2.3	2.1	2.0	1.7	2.1	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	1.4	1.7	1.8	1.4	1.7	1.8	1.7	1.9	1.7	1.7	1.9	1.7	2.2	1.7	1.4	2.1	1.7	1.4
36	1.0	1.2	1.3	1.0	1.2	1.3	1.3	1.6	1.7	1.3	1.6	1.7	1.7	1.7	1.4	1.7	1.6	1.4
38			0.9			0.9	0.9	1.2	1.5	0.9	1.2	1.5	1.3	1.6	1.3	1.3	1.6	1.3
40								0.9	1.2		0.9	1.2	1.0	1.5	1.3	0.9	1.5	1.3
42									0.9			0.9		1.2	1.3		1.2	1.3
44														0.9	1.2		0.9	1.2
46															1.0			1.0
48																		
50																		

Table 14 Main boom + Jib

Unit: t

Outriggers intermediately extended 5.6 m, with 45 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.5																	
18	6.5	4.6		6.5			4.0											
20	6.4	4.6	4.3	6.3	4.6		4.0	2.2		4.0			2.6					
22	6.2	4.5	4.3	6.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	6.0	4.4	4.1	5.8	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	5.7	4.3	4.0	5.6	4.3	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	5.5	4.3	4.0	5.4	4.3	4.0	3.4	2.1	1.8	3.4	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	5.3	4.2	3.9	5.2	4.2	3.9	3.2	2.0	1.7	3.2	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	5.2	4.1	3.8	5.0	4.1	3.8	3.0	2.0	1.7	3.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	4.8	4.0	3.7	4.8	4.0	3.7	2.8	2.0	1.7	2.8	2.0	1.7	2.2	1.7	1.4	2.2	1.7	1.4
36	4.2	3.8	3.6	4.2	3.8	3.6	2.7	1.9	1.7	2.7	1.9	1.7	2.1	1.7	1.4	2.1	1.6	1.4
38	3.7	3.7	3.5	3.7	3.7	3.5	2.6	1.9	1.6	2.6	1.9	1.6	2.0	1.6	1.3	2.0	1.6	1.3
40	3.3	3.4	3.4	3.3	3.4	3.4	2.5	1.9	1.6	2.5	1.9	1.6	1.9	1.6	1.3	1.9	1.5	1.3
42	2.9	3.0	3.1	2.9	3.0	3.1	2.4	1.8	1.6	2.4	1.8	1.6	1.8	1.5	1.3	1.8	1.5	1.3
44	2.5	2.6	2.7	2.5	2.6	2.7	2.3	1.8	1.6	2.3	1.8	1.6	1.7	1.4	1.3	1.7	1.4	1.3
46	2.1	2.2	2.3	2.1	2.2	2.3	2.2	1.8	1.6	2.2	1.8	1.6	1.6	1.4	1.2	1.6	1.4	1.2
48	1.8	1.9	2.0	1.8	1.9	2.0	2.0	1.8	1.6	2.0	1.8	1.6	1.5	1.3	1.2	1.5	1.3	1.2
50	1.5	1.6	1.7	1.5	1.6	1.7	1.8	1.7	1.5	1.8	1.7	1.5	1.4	1.3	1.1	1.5	1.2	1.2
52	1.3	1.4	1.4	1.3	1.4	1.4	1.6	1.6	1.5	1.6	1.6	1.5	1.4	1.2	1.1	1.4	1.1	1.1
54	1.0	1.1	1.1	1.0	1.1	1.1	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.1	1.0	1.3	1.1	1.1
56							1.1	1.2	1.3	1.1	1.2	1.3	1.2	1.1	1.0	1.3	1.1	1.0
58								1.0	1.1		1.0	1.1	1.1	1.0	1.0	1.1	1.0	
60													1.0	1.0		0.9	1.0	
62														1.0				
64																		
66																		

Table 15 Main boom + Jib

Unit: t

Outriggers intermediately extended 5.6 m, with 30 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.5																	
18	6.5	4.6		6.5			4.0											
20	6.4	4.6	4.3	6.3	4.6		4.0	2.2		4.0			2.6					
22	6.2	4.5	4.3	6.1	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	5.9	4.4	4.1	5.8	4.4	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	5.1	4.3	4.0	5.1	4.3	4.0	3.6	2.1	1.8	3.6	2.1	1.8	2.5	1.8		2.5	1.8	
28	4.4	4.3	4.0	4.4	4.3	4.0	3.4	2.1	1.8	3.4	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	3.7	3.9	3.9	3.7	3.9	3.9	3.2	2.0	1.7	3.2	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	3.1	3.3	3.5	3.1	3.3	3.5	3.0	2.0	1.7	3.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	2.6	2.8	3.0	2.6	2.8	3.0	2.8	2.0	1.7	2.8	2.0	1.7	2.2	1.7	1.4	2.2	1.7	1.4
36	2.2	2.4	2.6	2.2	2.4	2.6	2.5	1.9	1.7	2.5	1.9	1.7	2.1	1.7	1.4	2.1	1.6	1.4
38	1.8	2.0	2.2	1.8	2.0	2.2	2.1	1.9	1.6	2.1	1.9	1.6	2.0	1.6	1.3	2.0	1.6	1.3
40	1.5	1.6	1.8	1.5	1.6	1.8	1.7	1.8	1.6	1.7	1.8	1.6	1.9	1.6	1.3	1.9	1.5	1.3
42	1.2	1.3	1.4	1.2	1.3	1.4	1.4	1.6	1.6	1.4	1.6	1.6	1.8	1.5	1.3	1.8	1.5	1.3
44		1.0	1.1		1.0	1.1	1.2	1.4	1.5	1.2	1.4	1.5	1.5	1.4	1.3	1.5	1.4	1.3
46								1.1	1.3		1.1	1.3	1.2	1.4	1.2	1.2	1.4	1.2
48									1.0			1.0	1.0	1.3	1.2		1.3	1.1
50														1.1	1.1		1.1	1.1
52															1.1			1.0
54																		
56																		

Table 16 Main boom + Jib

Unit: t

Outriggers intermediately extended 5.6 m, with 20 t counterweight, over sides and rear																		
Jib length (m)	10.4						17.5						24.5					
Main boom length (m)	59.6			64			59.6			64			59.6			64		
Offset (°) Radius (m)	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30	0	15	30
16	6.3																	
18	6.3	4.6		6.3			4.0											
20	5.7	4.6	4.3	5.7	4.6		4.0	2.2		4.0			2.6					
22	4.8	4.5	4.3	4.8	4.5	4.3	3.9	2.2		3.9	2.2		2.6			2.6		
24	3.9	4.2	4.1	3.9	4.2	4.1	3.8	2.2	1.8	3.8	2.2		2.5	1.8		2.5		
26	3.2	3.6	3.8	3.2	3.6	3.8	3.5	2.1	1.8	3.5	2.1	1.8	2.5	1.8		2.5	1.8	
28	2.6	2.9	3.2	2.6	2.9	3.2	3.0	2.1	1.8	3.0	2.1	1.8	2.5	1.8	1.5	2.4	1.8	
30	2.1	2.4	2.6	2.1	2.4	2.6	2.5	2.0	1.7	2.5	2.0	1.7	2.4	1.7	1.5	2.4	1.8	1.5
32	1.6	1.9	2.1	1.6	1.9	2.1	2.0	2.0	1.7	2.0	2.0	1.7	2.3	1.7	1.4	2.3	1.7	1.5
34	1.2	1.5	1.7	1.2	1.5	1.7	1.5	1.9	1.7	1.5	1.9	1.7	2.0	1.7	1.4	2.0	1.7	1.4
36		1.1	1.3		1.1	1.3	1.1	1.5	1.7	1.1	1.5	1.7	1.6	1.7	1.4	1.6	1.6	1.4
38			0.9			0.9		1.2	1.5		1.2	1.5	1.2	1.6	1.3	1.2	1.5	1.3
40									1.1			1.1		1.4	1.3		1.4	1.3
42														1.1	1.2		1.1	1.2
44															1.2			1.2
46																		
48																		

Table 17 Main boom + tip boom

Unit: t

Outriggers completely extended 7.8 m, with 45 t counterweight, over sides and rear														
Working radius (m)	Boom length (m)												Working radius (m)	
	13.6	18.2	22.8	27.4	32	36.6	41.2	45.8	50.4	55	59.6	64		
3.0	28												3.0	
3.5	27	27											3.5	
4.0	26.5	26.5											4.0	
4.5	26	26	27										4.5	
5.0	25.5	25.5	26	27									5.0	
5.5	25	25	25.5	26.5									5.5	
6.0	24.5	24	25	26	26								6.0	
7.0	23.5	23.5	24.5	25.5	26								7.0	
8.0	22.5	23	24	25	25.5	24							8.0	
9.0	22	22.5	23.5	24.5	25	23.5	22						9.0	
10.0	21.5	22	23	24	24.5	23	21.5						10.0	
11.0	21	21.5	22.5	23.5	24	22.5	21	20					11.0	
12.0	21	21	22	23	23.5	22	20.5	19	18				12.0	
14.0		20.5	21.5	22.5	23	21	20	18	16	14			14.0	
16.0		20	21	21.5	22	20.5	19	17	14.5	13	11		16.0	
18.0			19	19.5	20	19.5	18	15.5	13.5	12	10.5	9	18.0	
20.0			16	16.5	17	17.5	17	14.5	12.2	11	10	9	20.0	
22.0				14	14.5	15	14.6	13	11	10	9.1	8.5	22.0	
24.0				12	12.5	13	12.5	12	10.2	9.2	8.5	8.0	24.0	
26.0					11	11.5	11	11	9.5	8.4	8.0	7.5	26.0	
28.0					9.5	10	9.5	9.5	8.8	7.8	7.3	7.0	28.0	
30.0						9.0	8.5	8.5	8.0	7.4	6.7	6.4	30.0	
32.0						8.0	7.5	7.5	7.5	6.9	6.3	5.7	32.0	
34.0							6.6	6.6	6.7	6.5	5.8	5.4	34.0	
36.0							5.8	5.8	5.9	6.1	5.4	5.1	36.0	
38.0								5.1	5.2	5.4	5.0	4.8	38.0	
40.0								4.4	4.5	4.8	4.7	4.5	40.0	
42.0								3.9	4.0	4.3	4.5	4.3	42.0	
44.0									3.6	3.9	4.2	4.1	44.0	
46.0									3.1	3.4	3.7	3.7	46.0	
48.0										3.0	3.3	3.3	48.0	
50.0										2.6	2.9	2.9	50.0	
52.0											2.6	2.6	52.0	
54.0											2.3	2.3	54.0	
56.0												1.9	56.0	
58.0												1.6	58.0	
60.0													60.0	
62.0													62.0	
Reeving	4	4	4	4	4	3	3	3	3	2	2	2	Reeving	
Hook	70t					25t							Hook	
Telescoping	I	1	1	2	2	2	2	3	3	3	3	3	4	I
	II	1	2	2	2	2	2	2	3	3	3	3	4	II
	III	1	1	1	2	2	2	2	2	3	3	3	4	III
	IV	1	1	1	1	2	2	2	2	2	3	3	4	IV
	V	1	1	1	1	1	2	2	2	2	2	3	4	V
Telescoping mode														

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 18 Main boom + tip boom

Unit: t

Outriggers completely extended 7.8 m, with 30 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	13.6	18.2	22.8	27.4	32	36.6	41.2	45.8	50.4	55	59.6	64			
3.0	28												3.0		
3.5	27	27											3.5		
4.0	26.5	26.5											4.0		
4.5	26	26	27										4.5		
5.0	25.5	25.5	26	27									5.0		
5.5	25	25	25.5	26.5									5.5		
6.0	24.5	24	25	26	26								6.0		
7.0	23.5	23.5	24.5	25.5	26								7.0		
8.0	22.5	23	24	25	25.5	24							8.0		
9.0	22	22.5	23.5	24.5	25	23.5	22						9.0		
10.0	21.5	22	23	24	24.5	23	21.5						10.0		
11.0	21	21.5	22.5	23.5	24	22.5	21	20					11.0		
12.0	21	21	22	23	23.5	22	20.5	19	18				12.0		
14.0		20	21	22	22.5	21	20	18	16	14			14.0		
16.0		18	17.3	17.8	18.3	19	18.5	17	14.5	13	11		16.0		
18.0			14	14.5	15	15.5	15	15	13.5	12	10.5	9	18.0		
20.0			11.5	12	12.5	13	12.5	12.5	12.0	11	10	9	20.0		
22.0				10	10.5	11	10.5	10.5	10.7	10	9.1	8.5	22.0		
24.0				8.4	8.9	9.5	9.0	9.0	9.2	9.2	8.5	8.0	24.0		
26.0					7.5	8.0	7.5	7.5	7.7	8.0	8.0	7.5	26.0		
28.0					6.5	7.0	6.5	6.5	6.7	7.0	7.3	7.0	28.0		
30.0						6.2	5.7	5.7	5.9	6.2	6.5	6.5	30.0		
32.0						5.3	4.8	4.8	5.0	5.3	5.6	5.6	32.0		
34.0							4.2	4.2	4.4	4.7	5.0	5.0	34.0		
36.0							3.5	3.5	3.7	4.0	4.3	4.3	36.0		
38.0								3.0	3.2	3.4	3.7	3.7	38.0		
40.0								2.5	2.7	2.9	3.2	3.2	40.0		
42.0								2.0	2.2	2.4	2.7	2.7	42.0		
44.0									1.8	2	2.3	2.3	44.0		
46.0									1.4	1.6	1.9	1.9	46.0		
48.0										1.3	1.6	1.6	48.0		
50.0											1.3	1.3	50.0		
52.0													52.0		
54.0													54.0		
Reeving	4	4	4	4	4	3	3	3	3	2	2	2	Reeving		
Hook	70t					25t							Hook		
Telescoping	I	1	1	2	2	2	2	3	3	3	3	3	4	I	Telescoping mode
	II	1	2	2	2	2	2	2	3	3	3	3	4	II	
	III	1	1	1	2	2	2	2	2	3	3	3	4	III	
	IV	1	1	1	1	2	2	2	2	2	3	3	4	IV	
	V	1	1	1	1	1	2	2	2	2	2	3	4	V	

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Table 19 Main boom + tip boom

Unit: t

Outriggers completely extended 7.8 m, with 20 t counterweight, over sides and rear															
Working radius (m)	Boom length (m)												Working radius (m)		
	13.6	18.2	22.8	27.4	32	36.6	41.2	45.8	50.4	55	59.6	64			
3.0	28												3.0		
3.5	27	27											3.5		
4.0	26.5	26.5											4.0		
4.5	26	26	27										4.5		
5.0	25.5	25.5	26	27									5.0		
5.5	25	25	25.5	26.5									5.5		
6.0	24.5	24	25	26	26								6.0		
7.0	23.5	23.5	24.5	25.5	26								7.0		
8.0	22.5	23	24	25	25.5	24							8.0		
9.0	22	22.5	23.5	24.5	25	23.5	22						9.0		
10.0	21.5	22	23	24	24.5	23	21.5						10.0		
11.0	21	21.5	22.5	23.5	24	22.5	21	20					11.0		
12.0	21	20	21	22	22.5	22	20.5	19	18				12.0		
14.0		18	17	17.6	18.2	18.8	18.3	17	16	14			14.0		
16.0		14.2	13.4	14	14.6	15.2	14.7	14.7	14	13	11		16.0		
18.0			10.5	11.1	11.7	12.3	11.8	11.8	12	11.5	10.5	9	18.0		
20.0			8.5	9	9.6	10.2	9.7	9.7	9.9	10.2	10	9	20.0		
22.0				7.3	7.9	8.5	8.0	8.0	8.2	8.5	8.8	8.5	22.0		
24.0				6.0	6.6	7.1	6.6	6.6	6.8	7.1	7.4	7.4	24.0		
26.0					5.5	6.0	5.5	5.5	5.7	6.0	6.3	6.3	26.0		
28.0					4.5	5.0	4.5	4.5	4.7	5.0	5.3	5.3	28.0		
30.0						4.3	3.8	3.8	4.0	4.3	4.6	4.6	30.0		
32.0						3.6	3.1	3.1	3.3	3.6	3.9	3.9	32.0		
34.0							2.5	2.5	2.7	3.0	3.3	3.3	34.0		
36.0							2.0	2.0	2.2	2.4	2.7	2.7	36.0		
38.0								1.5	1.7	1.9	2.2	2.2	38.0		
40.0								1.1	1.3	1.5	1.8	1.8	40.0		
42.0										1.2	1.5	1.5	42.0		
44.0											1.2	1.2	44.0		
46.0													46.0		
Reeving	4	4	4	4	4	3	3	3	3	2	2	2	Reeving		
Hook	70t					25t							Hook		
Telescoping mode	I	1	1	2	2	2	2	3	3	3	3	3	4	I	Telescoping mode
	II	1	2	2	2	2	2	2	3	3	3	3	4	II	
	III	1	1	1	2	2	2	2	2	3	3	3	4	III	
	IV	1	1	1	1	2	2	2	2	2	3	3	4	IV	
	V	1	1	1	1	1	2	2	2	2	2	3	4	V	

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Table 20 Main boom + tip boom

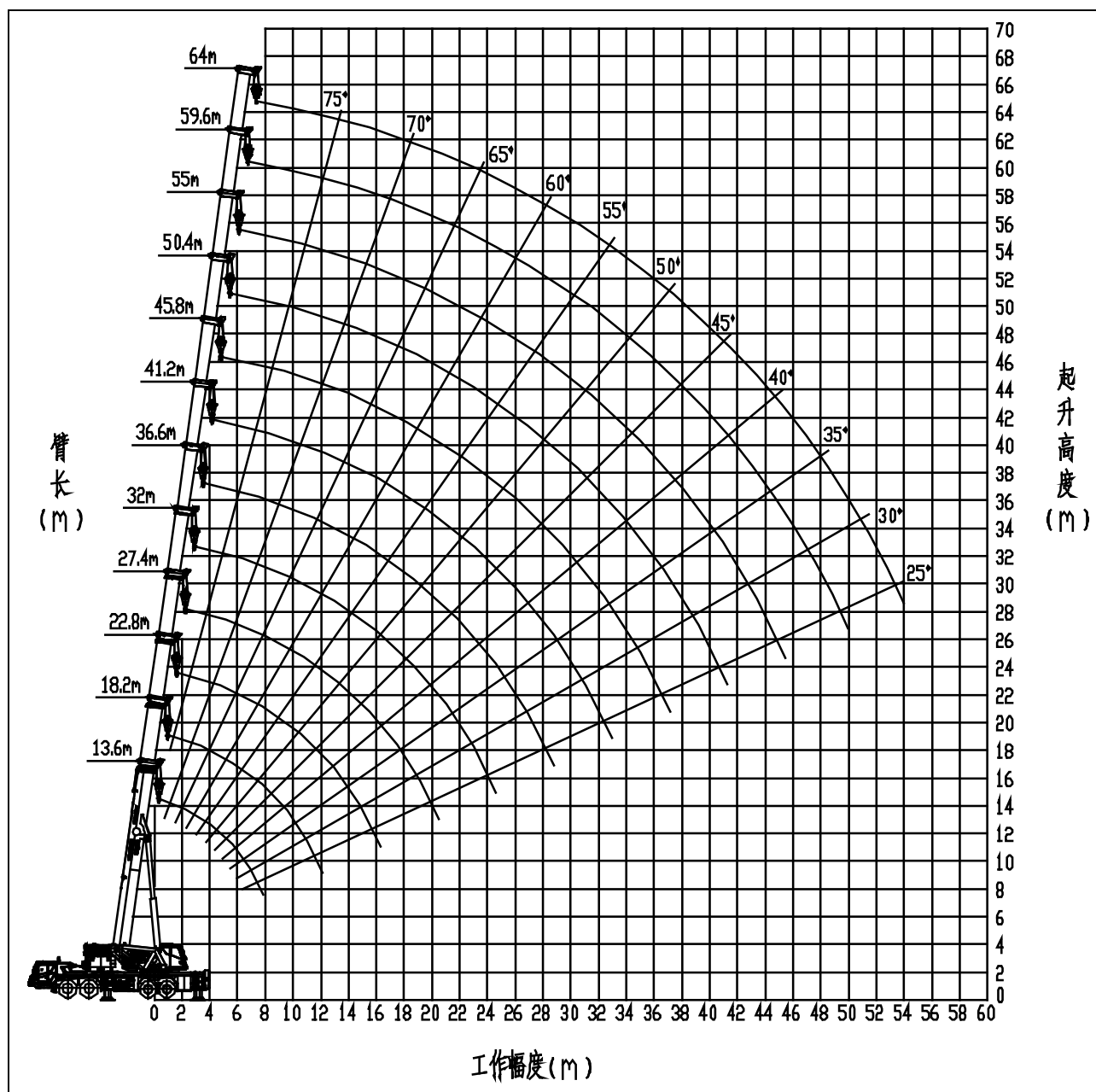
Unit: t

Outriggers completely extended 7.8 m, with 10 t counterweight, over sides and rear															
Working radius (m)		Boom length (m)												Working radius (m)	
		13.6	18.2	22.8	27.4	32	36.6	41.2	45.8	50.4	55	59.6	64		
3.0		28												3.0	
3.5		27	27											3.5	
4.0		26.5	26.5											4.0	
4.5		26	26	27										4.5	
5.0		25.5	25.5	26	27									5.0	
5.5		25	25	25.5	26.5									5.5	
6.0		24.5	24	25	26	26								6.0	
7.0		23.5	23.5	24.5	25.5	26								7.0	
8.0		22.5	23	24	25	25.5	24							8.0	
9.0		22	22.5	23.5	24.5	25	23.5	22						9.0	
10.0		21.5	22	22.5	23	23.5	23	21.5						10.0	
11.0		20	20.5	20.5	21	21.7	22.5	21	20					11.0	
12.0		18	18	17.2	17.7	18.3	19	18.5	18.5	17				12.0	
14.0			13.4	12.6	13.1	13.7	14.3	13.8	13.8	14	13			14.0	
16.0			10.2	9.5	10.0	10.6	11.2	10.7	10.7	10.9	11.3	10.5		16.0	
18.0				7.3	7.8	8.4	9.0	8.5	8.5	8.7	9.0	9.5	8.5	18.0	
20.0				5.5	6.0	6.6	7.2	6.7	6.7	6.9	7.2	7.6	7.6	20.0	
22.0					4.7	5.3	6.0	5.5	5.5	5.7	6.0	6.3	6.3	22.0	
24.0					3.5	4.1	4.7	4.2	4.2	4.4	4.7	5.0	5.0	24.0	
26.0						3.2	3.8	3.3	3.3	3.5	3.8	4.1	4.1	26.0	
28.0						2.4	3.0	2.5	2.5	2.7	3.0	3.3	3.3	28.0	
30.0							2.4	1.9	1.9	2.1	2.4	2.7	2.7	30.0	
32.0							1.8	1.3	1.3	1.5	1.8	2.1	2.1	32.0	
34.0										1.0	1.3	1.6	1.6	34.0	
36.0												1.1	1.1	36.0	
38.0														38.0	
Reeving		4	4	4	4	4	3	3	3	3	2	2	2	Reeving	
Hook		70t					25t							Hook	
Telescoping mode	I	1	1	2	2	2	2	3	3	3	3	3	4	I	Telescoping mode
	II	1	2	2	2	2	2	2	3	3	3	3	4	II	
	III	1	1	1	2	2	2	2	2	3	3	3	4	III	
	IV	1	1	1	1	2	2	2	2	2	3	3	4	IV	
	V	1	1	1	1	1	2	2	2	2	2	3	4	V	

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2.4 Lifting height charts

2.4.1 Main boom



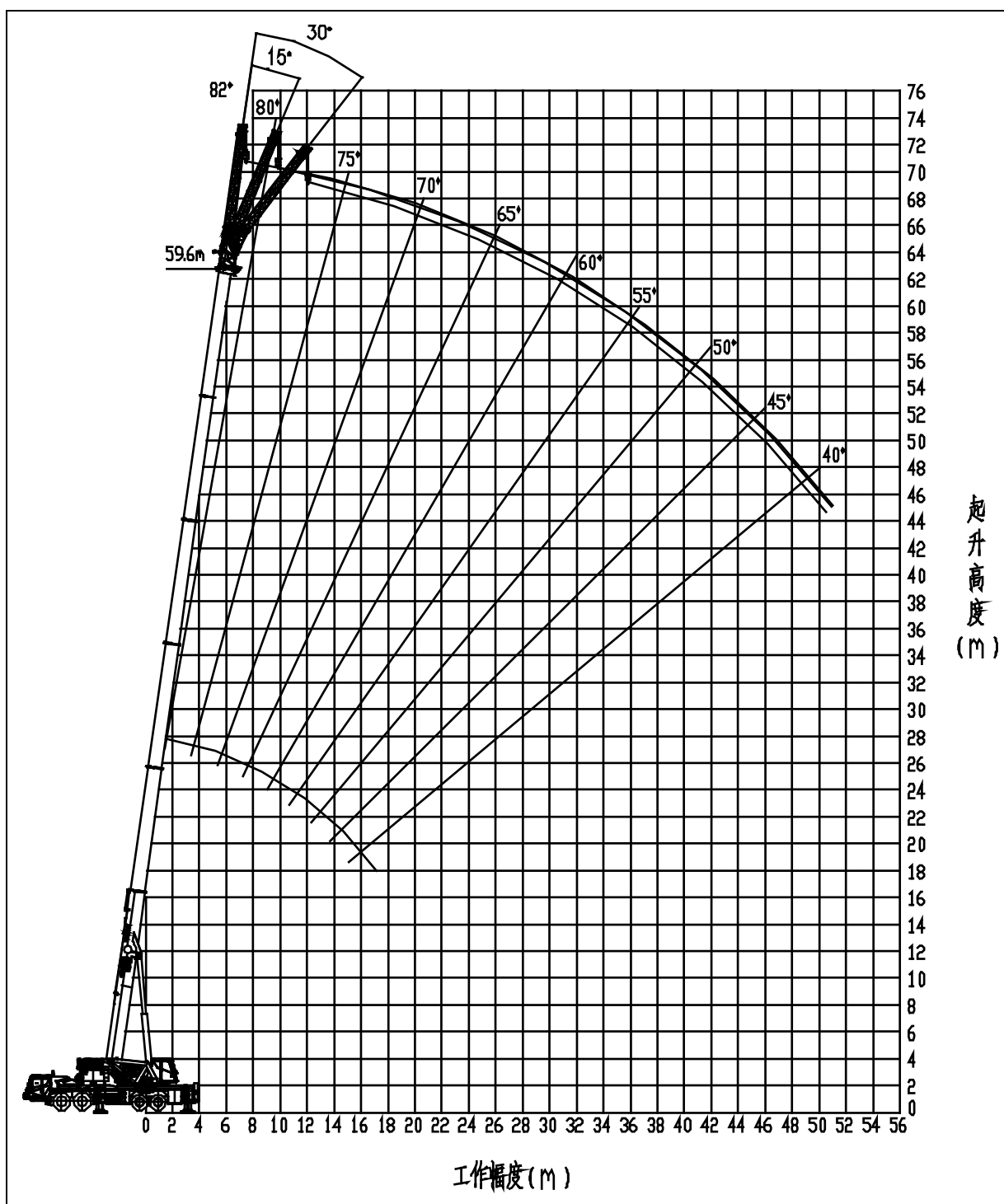
臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

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2.4.2 Main boom + 10.4 m jib

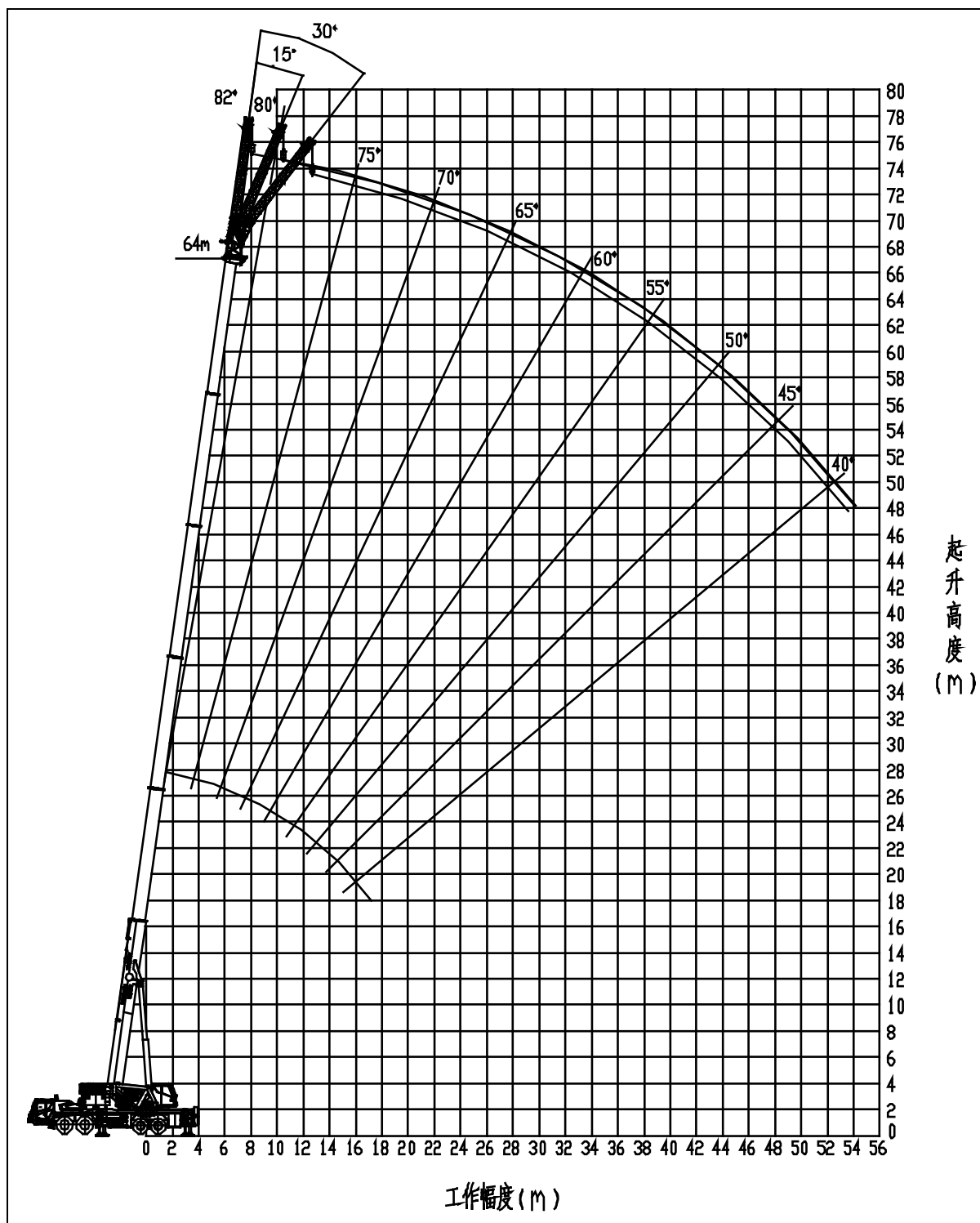


臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

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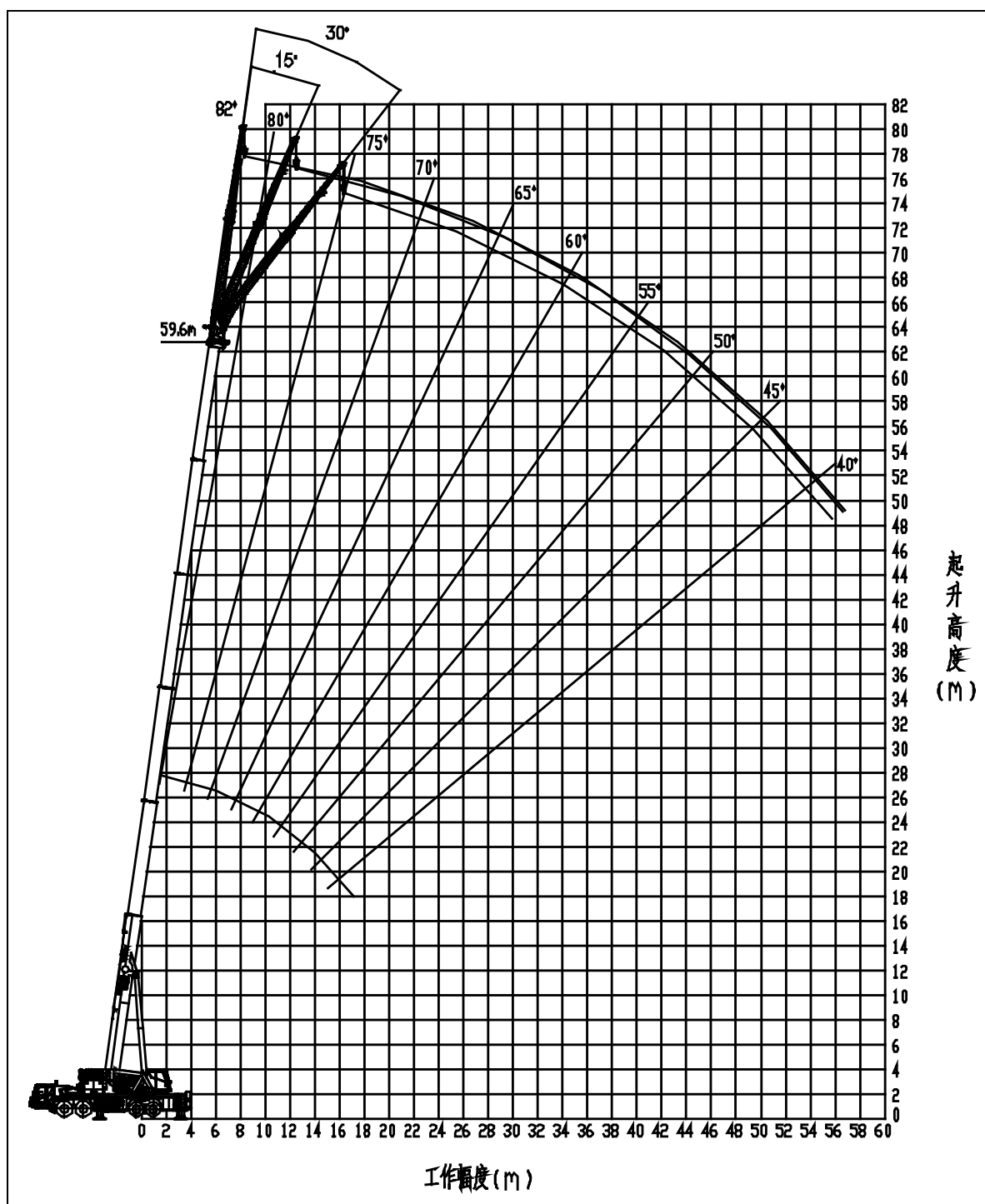
臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

2.4.3 Main boom + 17.5 m jib

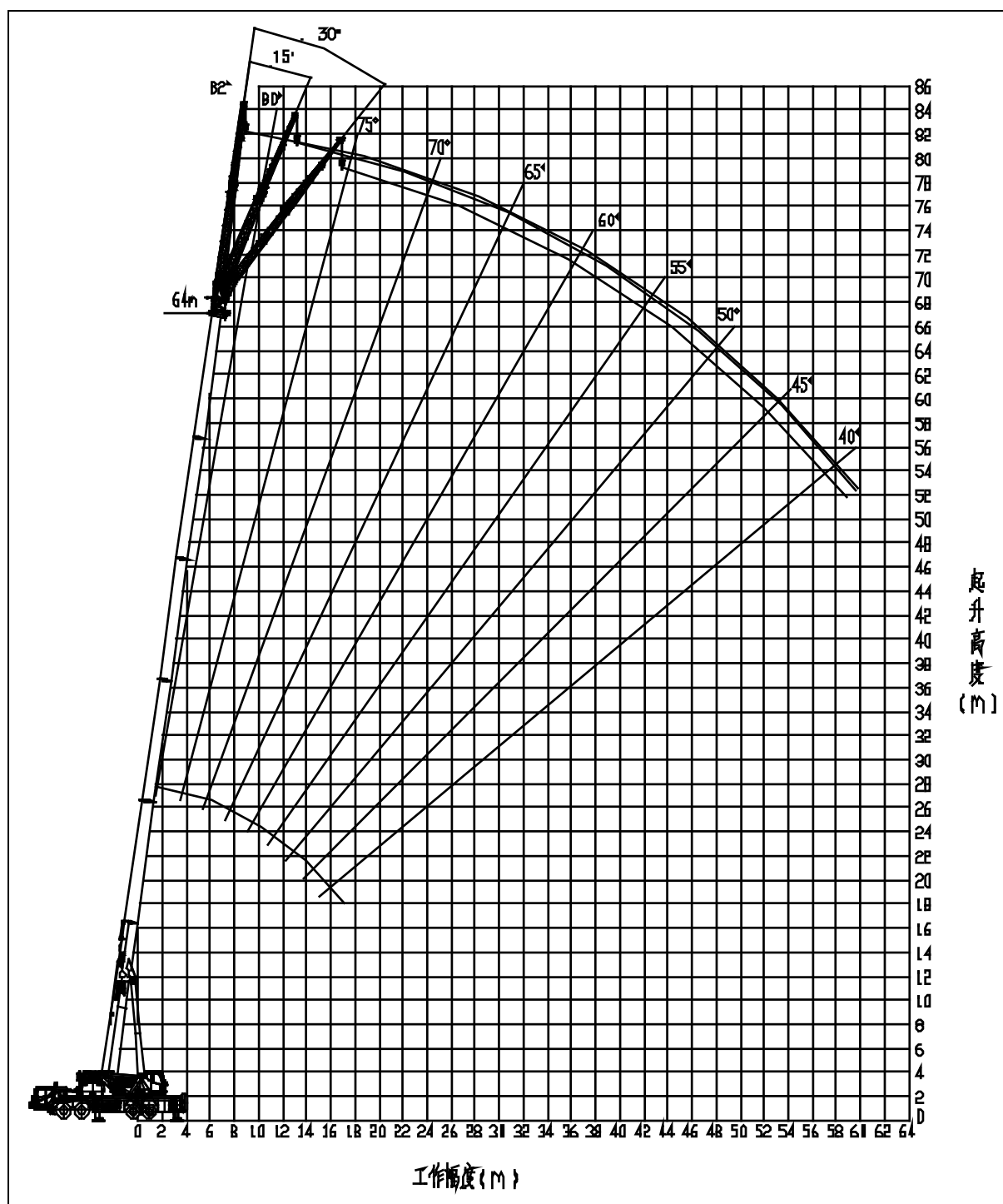


臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!



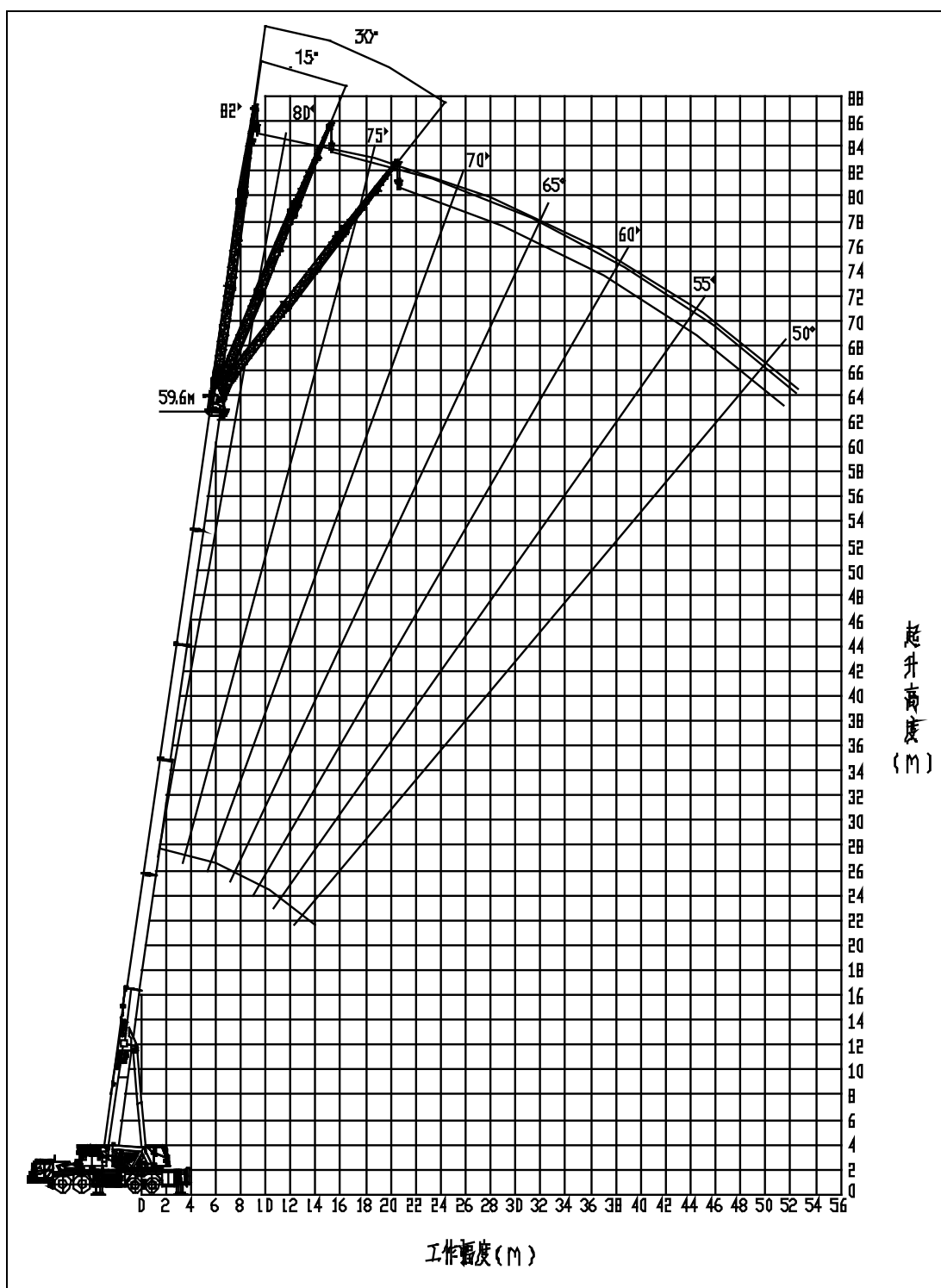
臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

2.4.4 Main boom + 24.5 m jib

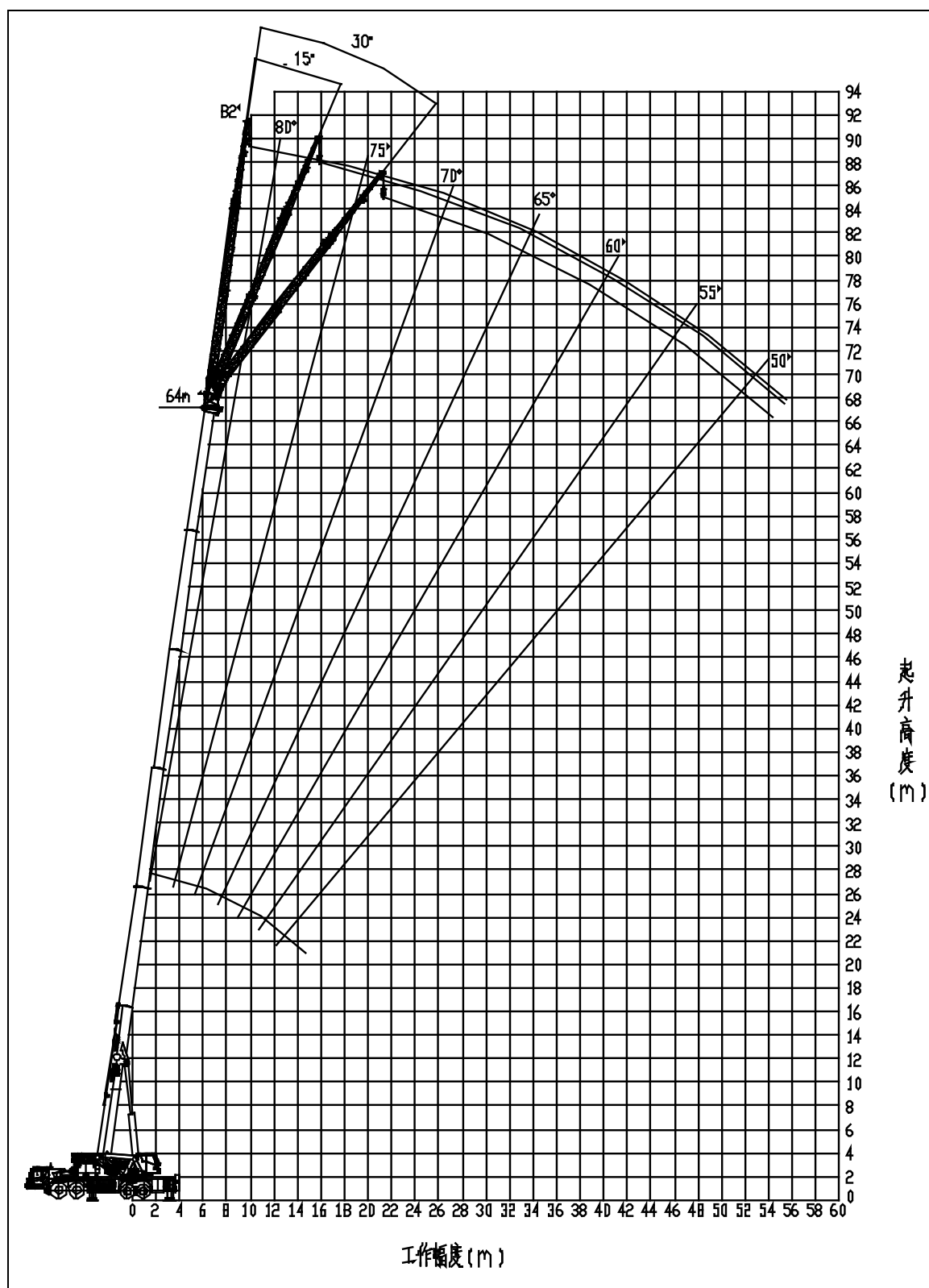


臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!



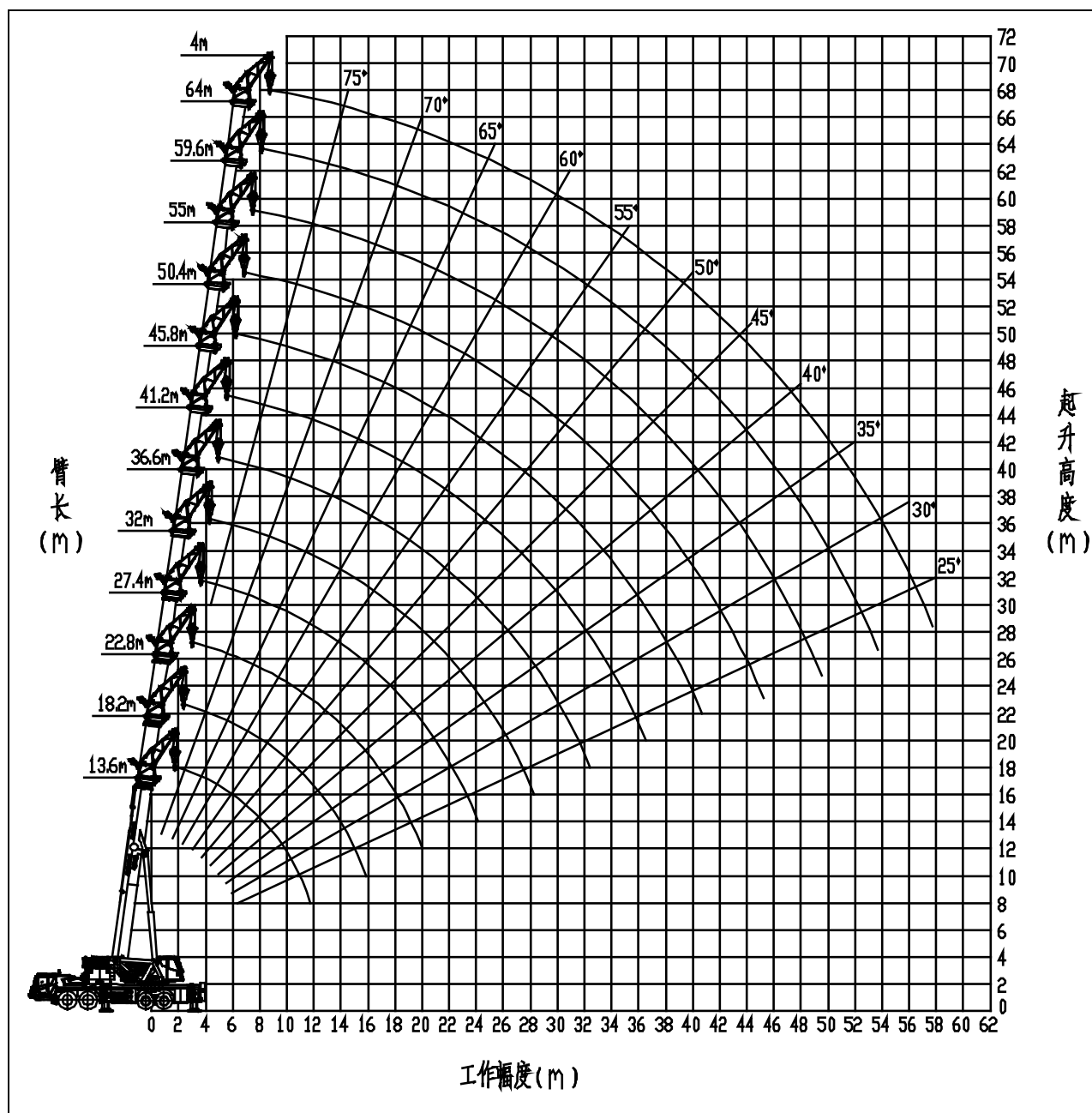
臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

2.4.5 Main boom + tip boom



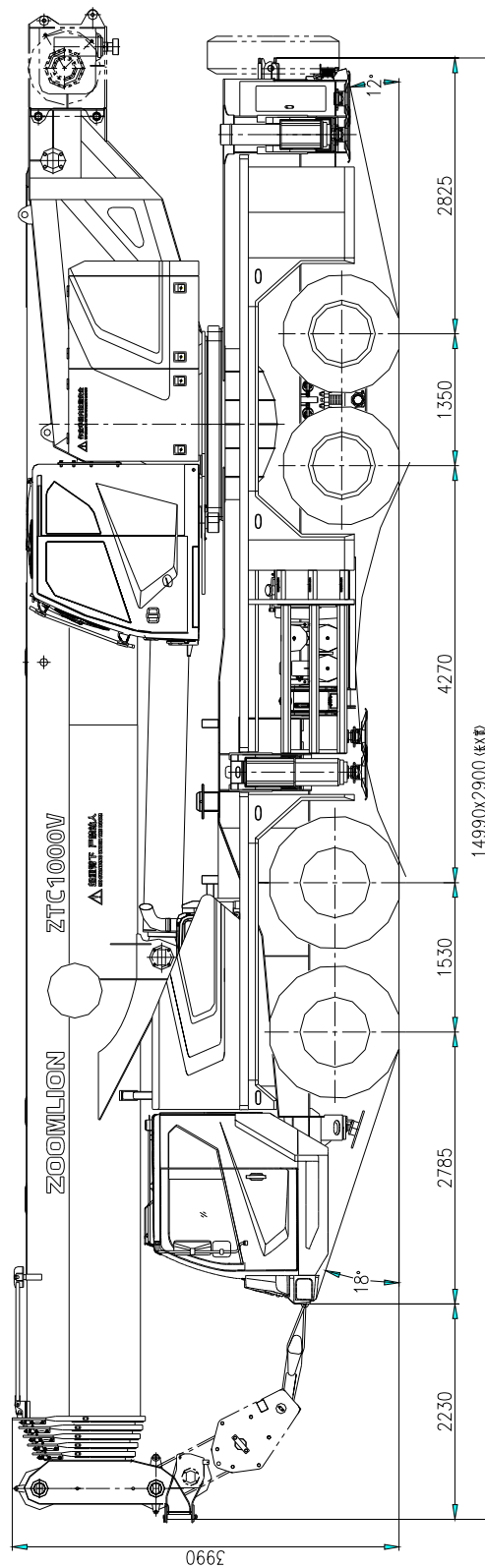
臂长 (m) Boom length (m)

起升高度 (m) Lifting height (m)

工作幅度 (m) Working radius (m)

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

2.5 Overall view (Unit: Metric mm)



长×宽: L × W

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3 Components, superstructure

3.1 Main boom and telescoping system

The box-shaped main boom consists of 6 oval boom sections made of low-alloy and high-strength steel plate, providing the boom with excellent bending-resistance capacity, super load bearing capacity, light deadweight, large lateral stiffness and small end deflection. The boom head applies new plate type structure which makes the connection ratio among boom sections large. Self-created built-in sliding block and a series of optimized design have the deadweight of the boom greatly decreased and the stress on the boom evenly distributed to avoid partial distortion. Furthermore, the boom has good guidance quality and adjustability.

In the automatic rapid-cycle telescoping system, all telescopic sections are driven by a telescopic cylinder and pinned mechanically, extendable independently of each other.

3.2 Jib

It consists of two jib sections. Jib section I is a quadrangle lattice one and jib section II is a triangle lattice one. It is folded on the side of main boom during short distance transition and can be installed and removed by inserted pins.

The jib cannot be attached with the vehicle during driving.

Jib sections 1 and 2 are reducing lattice structured. Jib section 2 can be assembled and dismantled with jib section 1 via the pins. It is parallel with jib section 1 and can be folded at the pins when it is not used.

Jib section 1 is articulated on the head of top boom section with pins and can be assembled below an angle of 0° , 15° or 30° to the telescopic boom according to your needs. The offset can be conveniently changed via the pins and pull bracket.

The extension can be used with the main boom as well as the jib together.

Jib length:

Jib section 1: 10.4 m

Jib section 1 + jib section 2: 17.5 m

Extension (optional): 7 m, available for options

3.3 Tip boom

It consists of one adapter and one reducing lattice boom section (4 m long).

It works together with the main winch.

Max. number of reeving: 4

Max. lifting capacity: 28 t

The tip boom section can be assembled below an angle of 0° or 30° to the adapter via operating the pull bracket.

When the tip boom is not used, it is assembled below an angle of 0° to the adapter and then folded onto the side of main boom

When the tip boom is used, it is assembled below an angle of 30° to the adapter and then articulated with the telescopic boom section 5.

The utilization of tip boom enlarges the efficient work space of main boom.

It cannot be attached with the vehicle during driving.

It is available for options.

3.4 Slewing table

Torsionally rigid steel construction welded from high-tensile structural steel (homemade 960 and HG785, etc.), providing superior load bearing capacity

The optimized arrangement of 3 articulated points, making the slewing table in a novel style and offering reasonable stress distribution

The engine hood of a human-based layout is in beautiful figure.

It is convenient to assembly and dismantle the main winch.

The securing device installed in the front of the slewing table can prevent the superstructure from slewing during driving.

3.5 Rooster sheave

It is inserted at the boom head of telescopic boom section 5 when it is not used. This option is set up for rapid hoists over the boom head to improve the work efficiency when the loads are light.

3.6 Derricking gear

One hydraulic cylinder with balancing valve, providing the boom with smooth derricking movements from -0.5° to 82°

3.7 Slewing gear

Dual slewing gears, consisting of hydraulic motor and planetary reducer

Double-roller outer tooth type slewing bearing provides superior load bearing capacity, big output

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torque and smooth force transfer.

The slewing mechanism is of controllable aligning function, which can make the load be aligned automatically during operation. Slewing cushion valve and normally-closed brake can ensure stable and reliable slewing operation of the crane.

3.8 Hoist gear

Hydraulic motor + planetary reducer

Main winch is driven by the variable motor and auxiliary winch is driven by the constant displacement motor. The main and auxiliary winches can be operated independently or simultaneously.

A lowering limit switch is installed on the main winch. The wire ropes are torsion-resistant high-tensile ones.

Diameter of hoist rope: $\phi 20$ mm

Strength grade: 1960 N/mm²

Length of main hoist rope: 330 m

Length of auxiliary hoist rope: 190 m

Auxiliary hoist gear and auxiliary hoist rope are available for options.

3.9 Main and auxiliary hooks

There are three kinds of main hook: 25 tons, 70 tons and 110 tons.

The 110 tons hook (optional) is a ramshorn hook.

The 70 tons hook (basic parts) is a straight shank hooks with one point.

The 25 tons hook (optional) is a straight shank hooks with one point.

The 7 tons rotatable auxiliary hook (1 reeving) is with hook latch.

3.10 Operator's cab

It is of steel-structure welded with right-mounted instrument console and adjustable seat with headrest. The standard tilting mechanism can tilt backwards for 20°. It is equipped with two joysticks, windshield wiper, washing system, air conditioning and heater. The arrangement provides spacious operating space, reasonable arrangement, human-based design, convenient and safe operation.

3.11 Outriggers

H-type outriggers, hydraulically extendable into horizontal and vertical directions

Two-stage sliding beams extendable (completely or intermediately) simultaneously via one

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telescoping cylinder and extension / retraction rope.

Sliding beams in box-shaped sections are welded from high-tensile steel ($\delta_s = 960 \text{ MPa}$).

A support control unit is attached to both sides of the vehicle for controlling the 4 outriggers to extend and retract simultaneously or independently.

With sliding beam illumination, support control unit illumination and electronic inclinometer (on the support control units)

When the sliding beams are completely extended or retracted, there are locking pins.

The 5th outrigger is installed beneath the driver's cab. The crane can realize full range slewing operation with the 5th outrigger set up.

3.12 Hydraulic system

The open-type and closed-type combined variable system adopts advanced electro-hydraulic proportional pilot joysticks, electro-hydraulic proportional control system and anti-pollution bite-type fitting to ensure the high reliability of the system. The main power element is the double side variable pump with closed variable pump and gear pump. Among which, the double side variable pump supplies hydraulic oil for main winch, auxiliary winch, derricking mechanism and telescoping system; closed variable pump supplies hydraulic oil for slewing mechanism, the gear pump supplies hydraulic oil for air conditioning.

The front pump of double main pump supplies the oil to the outrigger hydraulic system via the split-flow and confluent control valves. The outrigger control box controls the moving directions of the horizontal and vertical cylinders. The pressure of the chassis hydraulic system is controlled by the solenoid valve of the pilot oil circuit of the main pump.

3.13 Electrical system

The electrical system adopts building block design, CAN bus control technology and gateway design. The systematic framework is clear and simple. And it is also convenient for inspection and repair. Each control unit can not only work individually to control each executing mechanism, but also realize real-time data interactive association through CAN bus and gateway. And thus, the electrical control becomes precise, synchronous, safe and reliable. We adopt bus integrated control panel, bus control joysticks, bus indicators and display etc. instead of the frequently-used switch, joysticks, indicator panel in order to reduce unnecessary electrical circuits and fittings. And thus, the system becomes more reliable. Also, we adopt the speed stepless regulation knob instead of the frequently-used fast and slow gear switch. And thus, this provides better micro-positioning performance and the crane operation becomes more convenient and precise.

This system has a constant power control system and precision operation OM. Load moment limiter and 10.4 inch big display can monitor and display all of operation data, and analysis and process these data in real time. If necessary, give an early warning or switch off the crane movements toward dangerous directions to guarantee safety operation.

3.14 Intellectualized design

- a) Overload data effectiveness improvement: do not produce invalid data of black box under the frequently-used assembly and maintenance OM and during the process of the boom telescoping movement.
- b) Fault diagnosis and remote monitor: realize the electric fault diagnosis and the remote monitor.

3.15 Safety devices

This crane is equipped with an automatic load moment limiter whose display and warning devices are all fitted in the operator's cab.

If the actual load reaches 90% of the rated one, the warning light lights up and buzzer sends out slow acoustic warning.

If the actual load approaches 100% of the rated one, the warning light lights up, buzzer sends out fast acoustic warning and all dangerous crane movements are switched off.

The basic parameters, such as moment ratio, boom angle, boom length, working radius, actual lifting capacity, rated lifting capacity and maximum lifting height, will be displayed on the digital LCD.

This crane is also equipped with the following safety devices to ensure the crane safety:

- a) Hoisting limit switch
- b) Hook latch
- c) Lowering limit switch
- d) The 5th outrigger overpressure protection device
- e) Bidirectional hydraulic lock
- f) Balancing valve
- g) Relief valve

3.16 Air conditioning and cab heater

Both the driver's cab and operator's cab are equipped with special air conditioning and cab heater for vehicle.

3.17 Counterweight

Underslung self-handled multivariable counterweight system in a total weight of 45 t

Counterweight variants of 0 t, 10 t, 20 t, 30 t and 45 t, thus for a considerable application spectrum

Counterweight consists of one piece of lower counterweight plate (10 t), one piece of intermediate counterweight plate (10 t), one piece of upper counterweight plate (10 t) and two pieces of auxiliary counterweight plates (7.5 t).

4 Components, chassis

4.1 Engine

The engine is specially developed for the special working conditions of the truck crane, of which the emission complies with the standards GB17691-2005 Stage V and GB3847-2005. Therefore, it is much more energy-saving and environment-friendly.

It is of such advantages as large output torque during starting, good starting performance and good acceleration. The applied supercharging air intake system ensures bigger output torque when the engine is running at low speed, greatly improves the dynamic performance at low RPM and enhances gradeability.

In addition, the exhaust temperature at low RPM is comparatively low, as a result that the service life of the complete vehicle is greatly prolonged.

Model: WP12.375E50

Type: 6-cylinder in line, turbo-charged, intercooled

Displacement: 11596 ml

Rated power/RPM: 276kW/1900r/min

Max. net power/RPM: 271kW/1900r/min

Max. output torque/RPM: 1800N.m/1000 - 1400r/min

Fuel: Diesel oil

4.2 Clutch and its controls

Friction lining diameter: $\Phi 430$ mm

The adopted dry single-plate pull-type clutch is of stable working performance and can be disengaged completely by small depressing force.

The applied air pressure booster hydraulic control system is operated conveniently and reliably, thus, even though the air pressure booster system is invalid, the clutch can be disengaged completely by increasing the stroke of clutch pedal (Note: The depressing force applied on the clutch pedal must be increased greatly).

4.3 Transmission and its controls

10-speed mechanical transmission with 10 forward gears and 2 reverse gear.

The transmission consists of main transmission and rear-mounted auxiliary transmission. The main and auxiliary transmissions adopt the same intermediate shafts. The power is input from the input shaft and then distributed to the two intermediate shafts, and output from the main shaft at last. Thus, the thickness of gear is decreased, the axial dimension of transmission is shortened, the deadweight of the complete vehicle is decreased, the main shaft is of simpler structure, the force bearing status

of main shaft and bearings are improved (the main shaft only bears little torque but without the bending moment) and the service life and reliability of the transmission are improved greatly.

Since there are so many speed stages, the difference between speed ratios as well as rotation speeds of adjacent speed stages is very slight, thus ensure the stable shifting of transmission.

The transmission is fitted with a synchronizer inside.

The selection switch "High / low gear range" fitted on the range selector is used to control the shifting cylinder. It can be activated only when shifting between high and low gear ranges.

The mechanically and manually operated transmission is of simple structure, convenient maintenance and reliable working.

The output flange with contrate gear provides the crane with more stable and reliable power transfer.

4.4 PTO

Rated output torque: 1000 N.m

Output method: flange connected, the output flange rotates in the same rotating direction of engine (viewed from back to front: anti-clockwise direction)

Rear-mounted PTO is installed on the rear end of transmission. Via the hollow shaft of PTO, the power is taken off from the intermediate shaft, and through the meshing gear sleeve, output gear shaft and output flange to be output. PTO of this type has great power.

It is manually and pneumatically controlled so as to avoid the PTO being activated unintentionally caused by vibration or other reasons.

4.5 Propeller shaft

Large tonnage mobile crane series open-type propeller shaft assy. with contrate gear connected

- Propeller shaft 1 with an intermediate bearing mounted at the rear end
 - Fulfill the requirements of propeller shaft arrangement.
 - Decrease the universal joint included angle.
 - Increase the critical rotation speed.
 - Improve the resonance performance of the system.
- Propeller shaft 2 with universal joint at both ends and telescopic splines in the middle
 - Has similar structure as the propeller shaft of intermediate / rear axle.
 - Adapt to movements of axles

4.6 Axles

Front axle: steer and driven

Intermediate axle: through and drive, with longitudinal differentials and transversal differential locks

Rear axle: non-steer and drive, with transversal differential locks

All the axles are connected with the chassis frame via the suspension.

The front axle steering knuckle is integral forged in fork structure, which is fitted with limit screws to limit and adjust the interior and exterior steering angle of wheels thus realizes proper steering performance.

The connecting flange of intermediate and rear axles adopt contrate gears. The axle assy. is a dual-stage main reducer. And thus the dynamic capability and energy-saving performance of complete vehicle are effectively improved.

4.7 Wheels and tires

Tire size: 12.00R24 (rear), 385/95R25 (front);

Tire pressure: 1.0 Mpa – 1.05 Mpa (for homemade 385 tire)

0.9 Mpa – 0.95 Mpa (for import 385 tire);

0.9 Mpa - 0.95 Mpa (for 12.00R24 tire);

Rim type: 9.5 – 25, 8.5 – 24;

Flat wide rim can greatly prolong the service life of tire and improve the trafficability and driving stability of vehicle.

Radial ply tire has such advantages as high elasticity, good wearing resistance, low rolling resistance, good adhesive & cushion performance, great load bearing capacity and good sturdiness performance etc.

4.8 Steering system

- Steering system

The components are as follows:

- Integral power steering gear
- Four outboard booster cylinders
- Steering pump
- Steering wheel etc.

- Integral power steering gear with limit load

The components are as follows:

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- Built-in booster cylinder
- Circulating ball-type steering mechanism with gear rack/segment
- High-sensitive distribution valve

Advantage:

- Large output torque
- Good aligning performance
- High reliability
- Convenient assembly and maintenance, etc.

4.9 Suspension

Front suspension: longitudinally installed leaf spring suspension

Rear suspension: leaf spring + balance beam + thrust rod type bogie equalizing suspension

Front suspension has such advantages as simple structure, high working reliability and convenient maintenance, etc. When the crane is driving off-road or is impacted, the rubber buffer block mounted on the chassis frame will contact with the cover plate on the leaf spring to prevent the leaf spring from being damaged and buffer the impact.

The rear leaf spring is fixed on the balance beam bracket via the stud pressure plate and the balance beam and thrust rod are series connected, thus the rear axle distortion can be greatly absorbed. Even though the crane is driving off-road, the drive wheels will not skid. V type thrust rod controls the positions of axles, and thus the motion trail of wheels is clear and the security is higher. The limit block mounted on the suspension is to protect the leaf spring.

The rear suspension (optional) is rubber vibration absorber, the balance beam and thrust rod type tandem axle suspension. This kind of suspension is of variable stiffness and is slant arranged, thus the stiffness of suspension can change with the load. Therefore, the vehicle is of excellent comfort ability and operation stability. V type thrust rod controls the positions of axles, and thus the motion trail of wheels is clear and the security is higher. Four-tube shock absorber can greatly absorb the impact from the ground and decrease the vibration energy fast.

4.10 Brake system

It consists of service brake, parking brake (emergency brake) and auxiliary brake.

Service brake: dual-circuit air brake system, acting on all hubs.

Parking brake: spring-loaded brake, acting on hubs of axles 2, 3 and 4.

Auxiliary brake: engine exhaust brake.

For the dual-circuit brake system, even though one of the two circuits is invalid, the other one can also work normally, thus work reliability is greatly improved.

If the service brake is invalid or it has no time to depress the brake pedal during driving, apply the parking brake to exhaust the parking brake chamber and expand the brake spring, so as to brake the vehicle immediately and ensure safety.

The brake system adopts the brake elements such as 2 position 3 way solenoid valve, 4-circuit protection valve and dryer, providing simpler and much more convenient pipe layout and maintenance.

4.11 Electrical system

The chassis adopts two N200 batteries which are series connected (the rated voltage of each battery is 12 V). The electrical system is single-wired and takes the metal (negative pole) as the return line. The negative pole is earthed via the battery master switch to form a circuit with 24 V output voltage.

The batteries comply with the requirements stipulated in GB/T5008.1-2005 *Lead-acid Starter Batteries — Technical Requirements and Methods of Tests* and the lead wires comply with the requirements stipulated in national standard QC/T29106-2004.

The standard generator, which has voltage adjustment function, is an integral alternator. Its output power is 2 kW.

The applied combination signals and rear fog light provide the crane with beautiful appearance and improve the driving safety.

The instrument console in the driver's cab adopts the combination instrument which is convenient for the fault inquiry and identification. Besides, that strengthens the communication and reduces the joints among the lines. And thus, the fault rate of the electrical system of the complete vehicle decreases.

All the connectors for electrical appliances are imported, ensuring reliable connection and reducing cost.

4.12 Driver's cab

The low-mounted all-metal full-width cab is flexibly connected to chassis frame. It has beautiful appearance and good aerodynamic performance, providing wide vision for the driver.

The cab has the features below:

- Hydraulic cushioned driver's and passenger's seats with high backrest
- Large hardened glass windshield with large electric parallel windshield wiper
- Sun visor, power windows
- Outside mirrors on both sides
- Adjustable steering wheel and seat belt
- Heat and sound absorbing internal paneling

- Ergonomically arranged operating and display elements for safe and convenient handling at permanent operation
- The cab door, which is articulated to the cab, is fitted with rubber sealing strip around the frame, providing good sealing performance. The cab door can be opened for an angle of 85° for easy entry.

4.13 Air conditioning system

Adjustable single-cool air conditioning system have the functions such as cooling, air circulation, and humidity adjustment, thus can adjust the temperature, humidity, cleanness and wind speed inside the cab to a suitable state under different conditions.

4.14 Hydraulic system

It mainly consists of the steering hydraulic system and the outrigger hydraulic system.

The principle of the steering system: pressure-limiting and flow-limiting pump → single channel steering gear → booster cylinders of axles 1 and 2 (4 cylinders)

Outrigger hydraulic system: the front pump of double main pump supplies the oil to the outrigger hydraulic system via the split-flow and confluent control valves. The outrigger control box controls the moving directions of the horizontal and vertical cylinders. The pressure of the chassis hydraulic system is controlled by the solenoid valve of the pilot oil circuit of the main pump.

Appendix

Table 1 Main purchased parts and manufacturers

Ser. No.	Description	Manufacturer	Remarks
1	Main valve	Changde Zoomlion Heavy Industry Science & Technology Hydraulic Co., Ltd.	
2	Variable plunger pump unit	Hi-tech Hydraulic Co., Ltd.	
	Gear pump	Ji'nan Hydraulic Pump Co., Ltd.	
3	Motor, main winch	Beijing Hylet Co., Ltd.	
4	Motor, auxiliary winch	Avic Liyuan Hydraulic Co., Ltd.	
5	Reducer, main winch	Xuzhou Keyuan Hydraulic Co., Ltd.	
6	Reducer, auxiliary winch	Xuzhou Keyuan Hydraulic Co., Ltd.	
7	Slewing motor	High-tech Fluid Power Co., Ltd.	
		Shanghai Electric Hydraulic & Pneumatics Co., LTD. (SEHPC) Hydraulic Pump Factory	
8	Slewing reducer	Xuzhou Keyuan Hydraulic Co., Ltd.	
9	Slewing bearing	Hunan Xiangluo Bearing Electromechanical Trade Co., Ltd.	
		Luoyang Bearing Science and Technology Co., Ltd.	
10	Telescoping system assy.	Chengdu Chenggang Hydraulic Equipment Manufacturing Limited Company	
		Hunan Teli Hydraulic Co., Ltd.	
11	Derricking cylinder	Hunan Teli Hydraulic Co., Ltd.	
12	Horizontal cylinder	Hunan Teli Hydraulic Co., Ltd.	
13	Vertical cylinder	Hunan Teli Hydraulic Co., Ltd.	
14	Telescoping balance valve	Bucher Hydraulics Remscheid GMBH (Germany)	
15	Derricking balance valve	Bucher Hydraulics Remscheid GMBH (Germany)	
16	Hoisting balance valve	Bucher Hydraulics Remscheid GMBH (Germany)	
17	Hoist rope	Hunan Baoxian Machinery Equipment Trade Co., Ltd.	
		Shanghai Junwei Wire Rope and Sling Co., Ltd.	
18	Hook	Shandong Hong Ruida Machinery Co., Ltd.	
		Zhangqiu Heavy Forging Co., Ltd.	
		JULI Sling Co., Ltd.	
19	Load moment limiter	Hirschmann Electronics (Shanghai) Co., Ltd.	
20	Operator's cab assy.	Shenzhou Automobile Internal Ornament Co., Ltd.	

Note:

The equipment fitted in the crane is subject to changes due to design improvements or other reasons. Therefore, the above table is for reference only.

We cannot inform you of latest product information in time due to design improvements. Inconvenience to you, please understand!

Appendix

Table 2 Main purchased parts and manufacturers

Ser. No.	Description	Manufacturer	Remarks
1	Engine	Weichai Power Co., Ltd.	
2	Radiator	Xinxiang Yuxin Vehicle Heat Exchanger Co., Ltd.	
3	Transmission	Shaanxi FAST Gear Limited Liability Company	
4	Propeller shaft	Xuchang YuanDong Drive Shaft Co., Ltd.	
		Xuchang Wanxiang Chuangdongzhou Co., Ltd.	
5	Front axle	Shaanxi Hande Axle Co., Ltd	
6	Rear axle	Shaanxi Hande Axle Co., Ltd	
7	Tire	Techking Tires Ltd.	
		BRIDGESTONE Tyre Co., Ltd.	
		TRIANGLE Tyre Co., Ltd.	
		AEOLUS Tyre Co., Ltd.	
8	Steering gear	Jiangmen Xingjiang Steering Gear Co., Ltd.	
		Nantong Huanqiu Steering Gear Manufacture Co., Ltd.	
		Shashi Jiulong Auto Power Steering Gear Co., Ltd.	
9	Driver's cab	Changsha Shenjiu Machinery Co., Ltd.	

Note:

The equipment fitted in the crane is subject to changes due to design improvements or other reasons. Therefore, the above table is for reference only.